

# HUNTERS POINT SHIPYARD RESTORATION ADVISORY BOARD

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Meeting of June 26, 2003  
Reporter's Transcript

1		1	RAB MEMBERS [Cont.]:
2		2	
3		3	JACQUELINE ANN LANE - U.S. Environmental Protection
4		4	Agency (EPA)
5		5	LEA LOIZOS - Arc Ecology
6	HUNTERS POINT SHIPYARD	6	KEVYN D. LUTTON - Resident
7	RESTORATION ADVISORY BOARD	7	J. R. MANUEL - JRM Associates, India Basin resident
8		8	JESSE MASON - Bayview-Hunters Point Community Advocates,
9		9	Community First Coalition (CFC)
10	REPORTER'S TRANSCRIPT OF MEETING	10	JULIE MENACK - San Francisco Bay Regional Water Quality
11		11	Control Board
12	June 26, 2003	12	JAMES MORRISON - Environmental Technology
13		13	GEORGIA OLIVA - Communities for a Better Environment
14	Dago Mary's Restaurant	14	(CBE), CCA member
15	Hunters Point Shipyard, Building 916	15	MELITA RINES - India Basin Neighborhood Association
16	Donahue Street at Hudson Avenue	16	AHIMSA PORTER SUMCHAI - Bayview-Hunters Point Health &
17	San Francisco, California	17	Environmental Resource Center (HERC)
18		18	KEITH TISDELL - Hunters Point resident
19		19	RAYMOND TOMPKINS - Bayview-Hunters Point Coalition on
20	Reported by Christine M. Niccoli, RPR, C.S.R. No. 4569	20	Environment
21	NICCOLI REPORTING	21	MICHAEL WORK - U.S. Environmental Protection Agency (EPA)
22	619 Pilgrim Drive	22	LEILANI WRIGHT - JRM Associates
23	Foster City, CA 94404-1707	23	---oOo---
24	(650) 573-9339	24	
25	CERTIFIED SHORTHAND REPORTERS SERVING THE BAY AREA		
	Page 1		Page 3
1	PARTICIPANTS	1	OTHER ATTENDEES
2		2	
3	FACILITATOR: MARSHA PENDERGRASS - Pendergrass &	3	ARVIND ACHARYA - Innovative Technical Solutions, Inc.
4	Associates	4	(I.T.S.I.)
5	CO-CHAIRS: KEITH FORMAN - United States Navy SWDIV	5	JOHN AUXIER - Consultant
6	LYNNE BROWN - Communities for a Better	6	DOUG BIELSKIS - Tetra Tech EM Inc.
7	Environment (CBE), Community	7	MARTIN BLOES - Geomatrix
8	First Coalition (CFC)	8	BERT BOWERS - Bowers Consulting
9		9	ANDREW L. BOZEMAN - Southeast Sector Community
10		10	Development Corp., Heaven's Glade
11	RAB MEMBERS	11	SHOSHANNAH BRAMLETT - Environmental Literacy for Justice
12		12	PATRICK BROOKS - United States Navy
13	LANI ASHER - Communities for a Better Environment (CBE),	13	GEARY L. BROWN SR. - Geary L. Brown & Son Trucking
14	Community First Coalition (CFC)	14	PATRICIA BROWN - Shipyard artist
15	AMY BROWNELL - San Francisco Department of Public Health	15	ADON CAPOBRES - San Francisco Redevelopment Agency
16	BARBARA BUSHNELL - R.O.S.E.S., resident	16	FRANCISCO DA COSTA - Environmental Justice Advocacy
17	MAURICE CAMPBELL - Business Development, Inc. (BDI);	17	STEVE DEAN - U.S. Environmental Protection Agency (EPA)
18	Community First Coalition (CFC); New California Media;	18	LEM DOZIER - Artist
19	NEW BAYVIEW NEWSPAPER	19	BENJAMIN FEICK - Waste Solutions Group (WSG)
20	MARIE J. FRANKLIN - Shoreview Environmental, Incorporated	20	GARY FOOTE - Geomatrix
21	MITSUYO HASEGAWA - JRM Associates	21	MIGUEL GALARZA - Yerba Buena Engineering & Construction,
22	HELEN JACKSON - All Hallows Gardens Residents Association	22	Inc.
23	CHEIN KAO - California Department of Toxic Substances	23	DEREK GASKIN - Young Community Developers (YCD)
24	Control (DTSC)	24	CERTEP Coordinator, Levine-Fricke for Lennar
25		25	CHRIS HANIF - Young Community Developers (YCD)
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<p>1 OTHER ATTENDEES [Cont.]: 2 3 BOB HOCKER - Lennar/Bayview-Hunters Point Team 4 CAROLYN HUNTER - Tetra Tech EM Inc. 5 JONI JORGENSEN-RISK - Innovative Technical Solutions, 6 Inc. (I.T.S.I.) 7 LAFO LAULU - Resident 8 LISA LAULU - Resident 9 LAURA LOWMAN - United States Navy Radiological Affairs 10 Support Office (RASO) 11 CHARLES R. MAZOWIECKI - United States Navy 12 BARBARA McLEMORE - Tendes 13 ULRIKA MESSER - Tetra Tech EM Inc. 14 DEBRA MOORE - Innovative Technical Solutions, Inc. 15 (I.T.S.I.) 16 JOHN NAUER 17 EUGENE N. NODIM SR. - Resident 18 ALLEN NUNLEY - Business owner 19 MARTIN OFFENHAUER - United States Navy 20 DANIELLE PACIFICO-LOGAN - Office of Congresswoman Nancy 21 Pelosi 22 CHARLES H. PARDINI - Levine-Fricke for Lennar 23 DENNIS M. ROBINSON - Shaw Environmental &amp; 24 Infrastructure, Inc. 25 RASHELLE RUCKER - Pendergrass &amp; Associates</p> <p>Page 5</p>	<p>1 SAN FRANCISCO, CALIFORNIA, THURSDAY, JUNE 26, 2003 2 6:03 P.M. 3 ---oOo--- 4 MS. PENDERGRASS: All right. Okay. We're 5 going to call the meeting to order. Joni, are you guys 6 ready? This is the Hunters Point Shipyard Restoration 7 Advisory Board meeting agenda for Thursday -- 8 MR. FORMAN: Go ahead. 9 MS. PENDERGRASS: Okay? All right. 10 Okay. We're going to start with -- As we 11 always do, let's start with welcome and -- and 12 introductions. Thanks, everybody, for getting here on 13 time tonight. We're going to try to keep to the agenda 14 tonight. We have a pretty packed agenda, a lot of 15 things to go on tonight. 16 Just a few reminders to begin with, that we 17 need -- sorry. Please remember to sign in. And people 18 around the table are all RAB members, and folks sitting 19 on the sides are interested community. 20 So if we could start to my right this time. 21 MR. FORMAN: I'm Keith Forman, the Navy BRAC -- 22 [microphone feedback]. 23 I'm Keith Forman, the Navy BRAC Environmental 24 Coordinator and the Navy's co-chair for Hunters Point. 25 And I'd like to also introduce to you, on the</p> <p>Page 5</p>
<p>1 OTHER ATTENDEES [Cont.]: 2 3 LEE H. SAUNDERS - United States Navy 4 HARRY SHIN - Associated Builders 5 CLIFTON SMITH - C.J. Smith &amp; Associates, Eagle 6 Environmental, EEC 7 PETER STROGANOFF - United States Navy 8 DAVID TERZIAN - The Point 9 GIACOMO URSINO - Dago Mary's 10 PETER WILSEY - San Francisco Department of Public Health 11 ANDRE WRIGHT - Precision Transport 12 STEFANIE YOW - Office of Congresswoman Nancy Pelosi 13 ---oOo---</p> <p>Page 6</p>	<p>1 project we do have a change in our personnel. A pivotal 2 person and our lead R -- our lead project manager, also 3 known as our lead remedial project manager, or, as 4 you've heard before, lead RPM on the project, used to be 5 Mr. Dave DeMars. Mr. DeMars has shifted positions, and 6 I'd like to introduce you a familiar face in the new 7 position now, Mr. Pat Brooks will be our new lead RPM 8 for Hunters Point. 9 MS. PENDERGRASS: Okay. 10 MR. WORK: Could I make an announcement about 11 the --? 12 MS. PENDERGRASS: I think right now we're into 13 introductions and if we can do that. In fact, Keith 14 would -- should have waited till . . . 15 If you could introduce yourself. 16 MR. BROOKS: Keith introduced me, but I'm Pat 17 Brooks, and I'm the new lead RPM taking over from Dave 18 DeMars, and I'm -- 19 MS. PENDERGRASS: Not like that. Well, we're 20 just -- 21 MR. BROOKS: I'm from the Navy. Thank you. 22 MS. PENDERGRASS: Sorry. 23 MR. TISDELL: I'm Keith Tisdell, RAB member, 24 resident. 25 MS. PENDERGRASS: Okay. Thank you so much.</p> <p>Page 8</p>

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RESTORATION ADVISORY BOARD

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1 MS. BROWNELL: Amy Brownell, San Francisco  
2 Health Department.  
3 MR. WORK: Michael Work, U.S. EPA.  
4 MS. PENDERGRASS: All right.  
5 MS. MENACK: Julie Menack, California State  
6 Regional Water Quality Control Board.  
7 MR. KAO: Chein Kao, DTSC.  
8 MS. LUTTON: Kevyn Lutton, resident.  
9 MS. BUSHNELL: Barbara Bushnell, ROSES, RAB.  
10 MS. RINES: Melita Rines, RAB member.  
11 MS. WRIGHT: Leilani Wright, RAB member.  
12 MS. PENDERGRASS: Yes, sir. On the end with  
13 the red shirt, sir.  
14 MR. MORRISON: I'm James Morrison.  
15 MS. PENDERGRASS: Thank you, sir.  
16 MR. MORRISON: RAB member.  
17 MS. SUMCHAI: Ahimsa Sumchai, Radiological  
18 Subcommittee.  
19 MS. JACKSON: I'm Helen Jackson, RAB member.  
20 MS. RUCKER: Rashelle Rucker, Pendergrass &  
21 Associates.  
22 MS. JORGENSEN-RISK: Joni Jorgensen- --  
23 MS. PENDERGRASS: -- Rucker.  
24 MS. JORGENSEN-RISK: -- Risk --  
25 MS. PENDERGRASS: I'm sorry.

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1 MS. JORGENSEN-RISK: I'm sorry.  
2 MS. RUCKER: Rashelle Rucker, Pendergrass &  
3 Associates.  
4 MS. JORGENSEN-RISK: Joni Jorgensen-Risk,  
5 I.T.S.I.  
6 MS. MOORE: Debra Moore, I.T.S.I.  
7 MS. LOIZOS: Lea Loizos, RAB member, Arc  
8 Ecology.  
9 MR. CAMPBELL: Maurice Campbell, CFC.  
10 MR. MASON: Jesse Mason, resident.  
11 MS. ASHER: Lani Asher, Shipyard artist.  
12 MS. OLIVA Georgia Oliva, Shipyard artist and  
13 member CBE.  
14 MR. L. BROWN: Lynne Brown, CBE, Community  
15 First Coalition, co-chair RAB, resident.  
16 MS. PENDERGRASS: Now, I'm going to start over  
17 here to introduce everybody else that is present  
18 tonight, and I might repeat your name if you don't say  
19 it loudly enough so that we can get it. We have a court  
20 reporter here tonight.  
21 Yes, ma'am.  
22 MS. MESSER: Ulrika Messer, Tetra Tech.  
23 MS. PENDERGRASS: Did you get that?  
24 THE REPORTER: Olika Mester?  
25 MR. AUXIER: [Inaudible.]

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1 THE REPORTER: I can't hear you.  
2 MR. AUXIER: John Auxier, A-u-x-i-e-r,  
3 consultant.  
4 MR. MAZOWIECKI: Charles Mazowiecki, Navy RPM.  
5 MS. PENDERGRASS: Yes, sir.  
6 MR. ACHARYA: Arvind Acharya, I.T.S.I.  
7 MS. HUNTER: Carolyn Hunter, Tetra Tech.  
8 MS. PENDERGRASS: Let's start back over here.  
9 Sir.  
10 MR. BOZEMAN: Andrew Bozeman, Southeast Sector  
11 Community Development Corp.  
12 MR. NUNLEY: Allen Nunley, resident.  
13 MS. PENDERGRASS: Alan Lunlen?  
14 MR. NUNLEY: Nunley.  
15 MS. PENDERGRASS: Lu- -- Lunley. Lunley?  
16 MR. NUNLEY: Nunley.  
17 MS. PENDERGRASS: Nunley. I'm sorry, sir.  
18 MR. DOZIER: Lem Dozier, artist.  
19 MS. BROWN: Patricia Brown, artist.  
20 MS. PENDERGRASS: Patricia Brown.  
21 MS. LANE: Jackie Lane, EPA community  
22 involvement.  
23 MS. PENDERGRASS: Jackie Lane.  
24 MR. SHIN: Harry Shin, local business.  
25 MS. PENDERGRASS: Harry Shin.

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1 Yes, sir.  
2 MR. WRIGHT: Andre Wright, Precision Transport.  
3 MS. PENDERGRASS: Yes, sir.  
4 MR. GALARZA: Miguel Galarza, Yerba Buena  
5 Engineering.  
6 MS. PENDERGRASS: Thank you, sir.  
7 Yes, sir.  
8 MR. BOWERS: Bert Bowers, Bowers Consulting.  
9 MS. PENDERGRASS: Bert Bowers. Okay.  
10 And can we start over here? Yes, sir.  
11 MR. STROGANOFF: Peter Stroganoff with the Navy  
12 ROICC Office.  
13 MS. PENDERGRASS: Okay.  
14 MS. LOWMAN: Laurie Lowman with the Navy  
15 Radiological Affairs Support Office.  
16 MS. PENDERGRASS: Thank you, Laurie.  
17 MR. HANIF: Chris Hanif, Young Community  
18 Developers.  
19 MS. PENDERGRASS: Chris?  
20 THE REPORTER: I'm s- --?  
21 MR. HANIF: Chris Hanif, YCD.  
22 MS. PENDERGRASS: How do you spell your last  
23 name, Chris?  
24 MR. HANIF: H-a-n-i-f.  
25 MS. PENDERGRASS: Thank you. I'm sorry.

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1 MR. DEAN: I'm Steve Dean with U.S. EPA  
2 Superfund tech support.  
3 MS. PENDERGRASS: Steve Dean.  
4 Yes, sir.  
5 MR. DA COSTA: Francisco Da Costa,  
6 Environmental Justice Advocacy.  
7 MS. PENDERGRASS: Okay. Are there any --?  
8 Anybody else that I missed? Everybody here? Okay.  
9 Well, unless there's any changes to the agenda,  
10 let's talk about the minutes for a minute. Let -- Let's  
11 talk about the minutes, all right.  
12 Has everybody had a chance to look at the  
13 meeting minutes from the May 22nd RAB meeting? Any  
14 discussion about that? Okay. I need a motion.  
15 MR. L. BROWN: I'd like to make a motion that  
16 we accept the minutes.  
17 MR. TISDELL: Second.  
18 MS. PENDERGRASS: Second by Mr. Tisdell. All  
19 right. All those in favor of accepting the June -- I'm  
20 sorry -- the May 22nd meeting minutes as -- as typed and  
21 written, say, "Aye."  
22 THE BOARD: Aye.  
23 MS. PENDERGRASS: Any opposed? Any  
24 abstentions?  
25 All right. Those -- The minutes have been

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1 accepted.  
2 And let's move on to our action items. Okay.  
3 Now, got a few of them here. The first one was the Navy  
4 was to identify how many Navy families have contracted  
5 disease inside and outside of the base.  
6 And Keith, you were the point person on that?  
7 MR. FORMAN: Yes. My status report on that is:  
8 I haven't sent out an e-mail yet because I haven't given  
9 up on it yet, but my initial gut feeling on this has  
10 proven to be true so far. There's really no way for  
11 that information to be found the way the question was  
12 asked.  
13 The Navy medical command that keeps digitized  
14 medical records has only done so since 1980. And there  
15 are no records of Hunters Point logs of how many people  
16 and what the per -- people's names were that were  
17 stationed on the base during any kind of time frame.  
18 None of those records -- those types of records have  
19 been found either from what we have been doing or  
20 through archival research what Laurie Lowman and her  
21 team has been doing.  
22 So there's really no way that I can find it. I  
23 will make a few more phone calls. But in order to find  
24 out the kind of information without knowing names and  
25 without knowing perio- -- dates and periods, I don't see

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1 that there's any way to gather that data. I think it's  
2 kind of a mission impossible at this point. But I will  
3 let you know, and I -- I plan on putting out a formal  
4 e-mail message when I close that loop.  
5 That's all I have.  
6 MS. PENDERGRASS: Okay. The next action item  
7 was the Navy to check on data provided in a fact sheet  
8 published previously regarding prevailing winds in the  
9 area to determine if there's a variation from what was  
10 reported by Dr. Doremus.  
11 MR. FORMAN: Yes. That was --  
12 MS. PENDERGRASS: And Dave DeMars was going to  
13 report on that or --?  
14 MR. FORMAN: Yes. No. He took care of that  
15 with Ms. Karen Pierce. Is she here now?  
16 MS. PENDERGRASS: No.  
17 MR. FORMAN: Okay. That's --  
18 MS. PENDERGRASS: Any -- anybody else have  
19 questions about that?  
20 Okay. Yes, we can ask Karen about that.  
21 MR. FORMAN: Sure. Very quickly, the crux of  
22 the matter there was that -- and we'll be a little more  
23 sensitive to that when we're putting this out -- is: On  
24 some of the presentations, you have wind vectors, little  
25 arrows, arrows that show the direction of the wind. But

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1 when you look at wind balloons, the charts, it's exactly  
2 the opposite from that. And that's what her question  
3 was, is the wider the wedge out indicates not where the  
4 wind is blowing to but where it's blowing from.  
5 And so her question was: Wow, it looks exactly  
6 180 degrees out. Well, that's because on some of the  
7 charts you're looking at data that represent data with  
8 the wind balloon that gives you different kind of  
9 information than just wind direction, which is an arrow.  
10 But I think we closed the loop at least with Karen on  
11 that last RAB request.  
12 MS. PENDERGRASS: Excellent.  
13 Okay. The third action item is the RASO is to  
14 provide the length of time that the USS Independence,  
15 the USS Crittenden, and the USS Gasconade was in the  
16 Hunters Point Shipyard dry dock.  
17 MR. FORMAN: And that's part of Ms. Lowman's  
18 speech.  
19 MS. PENDERGRASS: And Ms. Lowman will cover  
20 that in her presentation? Great. All right.  
21 All right. And then the fourth one will also  
22 be covered by Ms. Lowman, and was review determining if  
23 any ships were brought to Hunters Point during Operation  
24 Hardtack.  
25 MR. FORMAN: Yes.

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1 MS. PENDERGRASS: Okay. So we'll get those two  
2 questions answered. If they don't get answered in the  
3 presentation, feel -- please feel to ask them again.  
4 Okay. We'll move on with the agenda, and we  
5 have -- I'm sorry?  
6 MR. L. BROWN: No.  
7 MS. PENDERGRASS: We have co-chair  
8 announcements, and we can start with the community  
9 co-chair, Mr. Brown.  
10 MR. BROWN: No, I don't have any announcements.  
11 Oh, yes. One thing. Excuse me.  
12 On Tuesday, July 1st, the community relation  
13 group will meet again pertaining to the Community  
14 Relations Plan. We set it up, and this is the draft  
15 that's out. So we're going to go over it page by page.  
16 That's Tuesday, July the 1st, 6 o'clock, right here.  
17 Same place, down in the basement. Okay?  
18 MS. PENDERGRASS: All right.  
19 MR. L. BROWN: You want to add on anything?  
20 MR. FORMAN: Yes, I do. It is my turn.  
21 Okay. Thank you, Lynne. Hey, I just want to  
22 say a quick thing about that, that what Lynne showed  
23 you, the Community Relations Plan, we had very good  
24 turnout for the subcommittees when we were developing  
25 the plan, and we got very good input that we used to

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1 going to be moving -- transitioning off this site, and I  
2 am going to be transitioning off my two other NPL sites,  
3 and I will be 100 percent on Hunters Point from this  
4 point on.  
5 MS. PENDERGRASS: Okay.  
6 MR. FORMAN: Congratulations.  
7 MR. WORK: Thank you.  
8 MS. PENDERGRASS: All right. Any other  
9 announcements of a general nature before we move  
10 forward? All right.  
11 MR. TISDELL: Oh, I got a question of a general  
12 nature.  
13 MS. PENDERGRASS: This is not the time,  
14 unless -- yes, sir, go ahead. Mr. Tisdell.  
15 MR. TISDELL: No. It's --  
16 Keith, just the other day there was ships with  
17 them buoy poons, you know, like when some waste site go  
18 around, go -- go up -- you know, go around the waste or  
19 something, it was right over here at end of this dock.  
20 And I wanted -- I just wondered if you knew anything  
21 about it.  
22 MR. FORMAN: No, I do not.  
23 MR. TISDELL: Okay.  
24 MR. FORMAN: Want me to look into it?  
25 MR. FORMAN: Yes, please.

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1 develop what we have now.  
2 What I need everybody to do is: On July 1st,  
3 please, if you can make it, please come back here to  
4 Dago Mary's at 6 o'clock. Very important meeting. We  
5 will go over the document, like he said, page by page  
6 and -- and when you read the document and if you've read  
7 my cover letter that went with it, I really want your  
8 input to make this the best Community Relations Plan the  
9 base has ever had.  
10 MR. L. BROWN: Right.  
11 MR. FORMAN: And the way to do that is to show  
12 up on July 1st, and we'll -- we'll start the plan  
13 rolling.  
14 MS. PENDERGRASS: What time? 6 o'clock?  
15 MR. FORMAN: 6 o'clock.  
16 MS. PENDERGRASS: Can we just add that  
17 to . . . ? Okay. Great. All rightie, then.  
18 MS. MENACK: There's a hand up. There's a hand  
19 up over there.  
20 MR. FORMAN: Michael?  
21 MR. WORK: Can EPA make an announcement?  
22 MS. PENDERGRASS: Yes.  
23 MR. WORK: Okay. Thanks.  
24 As many of you know, EPA has had two project  
25 managers working on Hunters Point. Claire Trombadore is

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1 MR. FORMAN: Okay. Can you talk to me on the  
2 break so I know a little bit more?  
3 MR. TISDELL: Okay.  
4 MR. FORMAN: I -- I bet you have a date and a  
5 time.  
6 MR. TISDELL: Yes.  
7 MR. FORMAN: Okay. Good.  
8 MS. PENDERGRASS: Okay. So can we capture that  
9 for the action items for next time, a report from  
10 somebody, or who's going to give us that? Mr. Tisdell,  
11 are you going to follow up on the report? We can put  
12 co-authors to that action item. Keith and Mr. Tisdell  
13 can find out what happened on that date.  
14 MR. TISDELL: Keith and Keith.  
15 MS. PENDERGRASS: Keith and Keith. Yes. All  
16 right.  
17 All right. So we're ready to move along. Next  
18 we're going to have presentations by Ms. Laurie Lowman.  
19 And then tonight we have a couple of things  
20 that are on our plate, so we want to move to just a  
21 little quickly. We want -- We're going to do elections  
22 today for community co-chair, and we're also going to  
23 have some subcommittee reports, since last time we kind  
24 of deferred some of that information. That will happen  
25 tonight. So we want to make sure we save enough time to

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1 do that.  
2 So we're going to hold our questions and ask  
3 you at the end of your presentation, Ms. Lowman.  
4 MS. LOWMAN: Okay. Good deal.  
5 MS. PENDERGRASS: All right.  
6 MR. FORMAN: Probably wants a microphone.  
7 MS. LOWMAN: This one? Which one? This one?  
8 MR. ATTENDEE: Which one's safer? Got to flip  
9 the switch, then.  
10 MS. OLIVA: Maybe you should use the other one.  
11 MS. PENDERGRASS: Turn that off.  
12 MS. LOWMAN: This one?  
13 MS. PENDERGRASS: Go that way. Go that way.  
14 Keep going.  
15 MS. LOWMAN: Keep going?  
16 MS. PENDERGRASS: There you go.  
17 MS. LOWMAN: Okay. Let's see here.  
18 MR. TISDELL: Careful how you hold it.  
19 MS. LOWMAN: I'm trying.  
20 MS. PENDERGRASS: Go forward.  
21 MR. TISDELL: Go forward. Go forward. There  
22 you go.  
23 MS. PENDERGRASS: Poor thing.  
24 MS. LOWMAN: Hello? I just had this really  
25 long day today, and I was -- I just drove up from the

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1 response to comments, October 2003. You're talking  
2 about the comments from the public and the regulators.  
3 Then we'll get back to them by October 2003 once the  
4 comments are received from the 30-day review period.  
5 Obviously, if that review period length changes, then  
6 the response time would change also.  
7 Archives. We have been found just recently  
8 we -- First of all, all the information we got out of  
9 the archives previously has been reviewed and catalogued  
10 in a database at RASO.  
11 But just last week we had some additional  
12 archives located at the Naval Sea Systems Command  
13 Headquarters having to do with NRDL and Hunters Point.  
14 We'll be looking at those probably the week of 7 July.  
15 And we're still working with NARA-College Park  
16 to declassify records. It's a very lengthy process, and  
17 I have to get approval from Department of Energy, plus  
18 some other Navy agencies, and the Defense Threat  
19 Reduction Agency. So this is going to be a lengthy  
20 process, and it's taking a lot longer than I thought it  
21 would take.  
22 The database currently totals 3,370 records.  
23 Of those two -- 2400 are written documents that vary in  
24 length from 1 to 900 pages. These are all PDF files,  
25 and they can all be made available when the HRA comes

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1 airport, so it's been one of those days. It just would  
2 not end.  
3 And -- but I am here. Sorry I didn't get to  
4 make the RAB subcommittee meeting yesterday. There  
5 was -- I had some personal business to take care of.  
6 Pardon?  
7 MS. SUMCHAI: I said, we're glad you're here.  
8 MS. LOWMAN: Oh, thank you very much.  
9 And everybody, I think, knows who I am, so we  
10 can probably go to the next slide.  
11 We do have a draft -- internal Navy draft HRA,  
12 actually have one. All the maps and pretty pictures are  
13 not in it, but we do have one that is out for chop right  
14 now with all the Navy commands before we get ready to  
15 make their changes and move forward and try to get  
16 something out for everybody in August. So I did bring  
17 one so if you could actually see that we did have a  
18 document.  
19 The public and agency review will begin in  
20 August. And officially we always start off with the  
21 30-day review period. I do not know if any agencies are  
22 going to ask for extensions, but it'll start off with  
23 just 30 days from the day that it's published.  
24 And the response to comments will -- we have --  
25 are you talk -- this slide changed. I didn't have --

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1 out, although we are only going to be technically  
2 putting the references on CD.  
3 There are 753 maps. Those can be anything from  
4 site maps of what was located at the Shipyard to  
5 individual building blueprints. And right now we have  
6 174 interview summaries in that database also.  
7 Interview status. We have 207 responses.  
8 Still the same, no new responses. We had 29 respondents  
9 selected for in-depth interviews. We still have nine  
10 more to be completed. Those should be completed next  
11 week.  
12 There were -- Through the interview process  
13 and from the RAB, we have identified 34 more potential  
14 interviewees. So hopefully, we will get all of them  
15 contacted in July 2003. As we contact people, we get  
16 more names. And it's starting to be a little bit kind  
17 of mind numbing in putting the HRA out and terminating  
18 the interview process, which we can't really terminate.  
19 So I'm not sure -- The interview process may go past  
20 the actual draft final date.  
21 Findings of the HRA. These are all preliminary  
22 findings. These are what we have in the draft right  
23 now. I haven't received comments back from the Navy  
24 review. So I'm providing the information in a  
25 preliminary stance. But I don't think this information

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1 on -- on these slides will change.  
2 General radioactive material used was  
3 authorized by 21 different AEC licenses. Those were  
4 issued after 1954. Prior to that, they had some permits  
5 and authorization letters for different isotopes. But  
6 after 1954 there were 21 different A- -- Atomic Energy  
7 Commission licenses that authorized use of radioactive  
8 material out here in Hunters Point either by the  
9 Shipyard or by NRDL.  
10 And some of those licenses were issued to  
11 Bureau of Ships, and then they authorized use by NRDL or  
12 the Shipyard, and some were issued to San Francisco  
13 Naval Shipyard when Mare Island and Hunters Point  
14 Shipyard combined. But there were 21 different ones  
15 over the time period that it was active from 1954 to  
16 1974.  
17 On those they authorized 109 different  
18 isotopes; and of those 109 radioisotopes, 33 remain a  
19 concern today, meaning that they have a half life  
20 greater than three years. That means they -- they could  
21 not have gone through ten half lives at this point. So  
22 we consider them to remain a potential concern today.  
23 We have not found all 33 isotopes out there. But they  
24 are on the list of ones that we would analyze for or  
25 make sure that we're covering depending on the area of  
Page 25

1 use.  
2 Radium 20 -- 226, which is one of our isoto- --  
3 main isotopes of concern out there, was not covered by  
4 Atomic Energy Commission licenses or NRC licenses today,  
5 Nuclear Regulatory Commission. So that is a different  
6 isotope that was used out there for var- -- a variety of  
7 different things, and it's not covered under those  
8 licenses.  
9 There are 80 -- it says 84. I'll explain that  
10 in a minute. Of the 653 different Hunters Point  
11 Shipyard sites or building locations that we discovered  
12 in our research, 88 of those we have classified as  
13 impacted sites, meaning that they have a history of use  
14 of radioactive material in those buildings or on those  
15 sites.  
16 It does not include x-ray facilities where they  
17 only had machine uses of ionizing radiation. It had to  
18 have been actual radioactive material used on the site  
19 or in the building or disposed of at the site.  
20 And there is one site of the 88 that is off  
21 base of the -- of the 84, I should say. And there are 4  
22 of those 88 sites that are FUDS sites. That would be  
23 Building 815, 830, 831, and 820.  
24 Right?  
25 MR. FORMAN: Yes.

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1 MS. LOWMAN: Yes, yeah.  
2 MR. FORMAN: Very good.  
3 MS. LOWMAN: Okay. As far as the analysis of  
4 any residual contamination, we did not find any reason  
5 to think there is contamination that is a concern to  
6 groundwater or atmosphere.  
7 In its present state, the way it is right now  
8 without being moved, without digging, without doing  
9 anything, there is no reason to think that any conta- --  
10 residual contamination out there is a concern to  
11 groundwater or the atmosphere.  
12 Additionally, we found no reason to require any  
13 immediate action as the result of the contamination that  
14 is out there, residual contamination out at the site.  
15 New sites that we identified in the HRA that we  
16 have not previously looked at but we found the  
17 information on from doing our research, in Parcel B, we  
18 have building 142 that was used for sample storage from  
19 the atomic weapons testing by NRDL, and it was also at a  
20 different time used as sample counting room.  
21 Building 145 is a sewer pump house. We do have  
22 some storm drains and sewer lines on site that have some  
23 residual contamination, and we need to look at that  
24 particular pump house.  
25 Building 146, we had previously identified that  
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1 building as impacted for a variety of reasons, and we  
2 conducted a Class 3 survey there last year. However, we  
3 have found out since that time that that is -- was  
4 actually the turn-in building for the program when they  
5 removed all the radium dials and gauges off the ships.  
6 There was a formal Navy program. The Shipyard  
7 actually had Navy directives on how to do it and what to  
8 do, and all of those broken or intact were turned into  
9 Building 146.  
10 So what we're going to have to do is go back  
11 and do a Class 1 survey, because we do have some records  
12 of broken devices being turned in there.  
13 Building -- Still in Parcel B. Building 157,  
14 we have identified that as a Shipyard nondestructive  
15 testing laboratory that used radiography sources. Those  
16 could have been radium, cesium, cobalt, or iridium 192.  
17 We have another sewer pump station in  
18 Building 160, and we have confirmed that Berth 62 was  
19 used by -- the USS -- let me rephrase that. USS  
20 Gasconade was berthed at Berth 62 when they were doing  
21 work on it after OPERATION CROSSROADS.  
22 Parcel C. Our new site there is Building 203.  
23 I think we have discussed this one before. That's the  
24 power plant, and that's where they burn fuel from the  
25 OPERATION CROSSROADS ships from the Gasconade,

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<p>1 Crittenden, and Independence. 2 Parcel D, Building 408, is a very large 3 smelter. It's on the site near Building 411 near 364. 4 There will be a -- They are full of fire brick. And in 5 addition, we have some areas with metal that has been 6 smelted, and there are some anomalies in that metal. So 7 we will have to look in there for additional 8 contamination from whatever they processed. 9 Building 500 was included in a listing of NRDL 10 offices early on. We would probably only do a Class 3 11 in there. There's no indication of laboratory work, but 12 office spaces we have found other contamination. 13 Building 503 was the NRDL laundry. That was 14 where they actually and took the -- and after they were 15 decontaminating the ships also, they took anything they 16 used in there, and it was called the radioactive 17 laundry. It was called the decontamination laundry. It 18 had a lot of different names. 19 That building is not there now. It is 20 currently the site of the San Francisco Police 21 Department training facility, I think it is. Yeah. 22 It's been built over the top of it. So I'm not sure how 23 we're going to assess that one. 24 Building 505 has been identified as an NRDL 25 annex. They used annexes from everything from</p> <p style="text-align: right;">Page 29</p>	<p>1 four facilities, but one of them is impacted. Islais 2 Creek warehouses: There was 417, 418, 427, and 428. 3 These are very large warehouses that are located about 4 2 miles off base. 5 We can go to the next slide and show them where 6 it is. 7 And they are still there. They even still have 8 the numbers on them. They are being leased. 9 Building -- Islais Creek warehouse, which is 10 identified on the old maps as ICW 418, was used by NRDL. 11 It was formally surveyed. It was formally leased by the 12 Atomic Energy Commission in 1970. 13 No -- There is no Navy records that I can find 14 of any surveys being done in there. Some documentation 15 says NRDL only used one third of the building. Other 16 documentation said they used the whole building. 17 So we're not sure exactly what we're going to 18 do. We're investigating who owns those buildings now, 19 and we're going to go forward from there. This is 20 something new that we just recently discovered. 21 And, like I said, it's 2 miles from the base, 22 and we do have a history of -- NRDL had what they call a 23 broad-scoped license that kind of authorizes anything 24 and everything to do with radioactive material. And 25 they -- the Atomic Energy Commission surveyed that</p> <p style="text-align: right;">Page 30</p>
<p>1 laboratory work experimentation to just storage. 2 Parcel E, Building 521, we have already talked 3 about that one -- before, I believe, from -- Steve 4 Doremus covered that last month as the other power plant 5 where the fuel from OPERATION CROSSROADS ships was 6 burned. 7 We have identified two new -- well, I shouldn't 8 call them "buildings." I think they are more -- maybe 9 they were more small sheds type of thing, 707B and 707C. 10 They are near Building 707 in the 707 triangle. 11 And 707B was used for small animal colonies, 12 and 707C was -- NRDL used for weapons issue and 13 receiving area when they were participating in the 14 atomic weapons testing programs. 15 There's a Building 719. That's the incinerator 16 that was used by NRDL. There's all kind of indications 17 that they burn different things in the incinerator, 18 possibly small animals. It definitely needs to be 19 checked out. 20 Building 807 is the scrap yard processing shed. 21 we have found radioactive contamination, low levels, in 22 the scrap yard area, and Building 807 is a natural 23 follow-on to include in that investigation. 24 Off-site property. I mentioned before, there 25 is one facility that was off site. Actually, there were</p> <p style="text-align: right;">Page 30</p>	<p>1 building and released it when they were closing out that 2 license. 3 MR. MASON: [Inaudible.] 4 MS. LOWMAN: They're called "ICW" on the map, 5 Islais Creek warehouses, and they are 417, 418, 427, and 6 428. And 418 is the only one I show a history of 7 radioactive material usage. 8 The other ones were used as a QA facility by 9 the Shipyard, a welding facility by the Shipyard, some 10 engineering facilities, storage, different -- different 11 things. 12 The 417, 427, and 428 I have no indication 13 radioactive material was ever used or stored there. But 14 they were used by the Shipyard. 15 The HRA, as far as we are concerned, is on 16 schedule for the -- myself and the team. We got the 17 draft out on May 31st. We had a June 1st deadline. We 18 were very proud of that. It took a lot of long nights 19 and weekends, but we got it done. 20 The week of July 3rd we hope to complete all 21 the in-depth interviews. Review -- We're going to -- 22 We actually moved the review of the NAVSEA archives to 23 week of July 7th because of some travel problems and the 24 holiday, the Fourth of July being in there. And we're 25 starting to incorporate all the comments on July 7th,</p> <p style="text-align: right;">Page 32</p>



1 and it will be distributed in August '03.  
2 Now, these were the questions that Steve  
3 Doremus told me were asked at the last RAB, and I have  
4 one more than you brought up. So this is what I had  
5 was: What is the criteria used to select personnel for  
6 in-depth interviews? How long were the USS  
7 Independence, Gasconade, and Crittenden at HPS? And how  
8 did Operation Hardtack impact on HPS?  
9 If anybody else has other questions that they  
10 remember from the last meeting, please bring them up to  
11 me again during the question-and-answer period aft --  
12 after I talk.  
13 In-depth interviews: What we did for the -- to  
14 select personnel for the in-depth interviews is: Myself  
15 and my husband, Dick Lowman, and John Polyak [phonetic],  
16 who is another one of our interviewers, we got together;  
17 we went through all the telephone screening, information  
18 that was provided by the interviewees. And we tried to  
19 get a good cross section of job types and time frames  
20 people worked out there, and we tried to find folks that  
21 had a good recollection of radiological operations.  
22 We had a lot of folks contact us that had  
23 knowledge of Shipyard operations, but they had nothing  
24 to do with radioactive material. And a lot of the folks  
25 are older, so some of them just don't have the memory of  
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1 everything that went on.  
2 So what we tried to do is get a broad spectrum  
3 of job types, of time frames people worked there; and  
4 then we picked the ones that we felt had the most to  
5 contribute to the HRA. And that is how we made those  
6 selections.  
7 OPERATION CROSSROADS ships. The three with --  
8 These are the three that had the contaminated fuel in  
9 them: The Crittenden -- and I cannot find dates exactly  
10 when they left Hunters Point. I can get a -- I can get  
11 a month and a date or a year when they actually arrived,  
12 but I cannot find when they left. I -- It's very  
13 difficult.  
14 And the only one I can tell you exactly where  
15 it was berthed are the Gasconade and the Independence.  
16 That's one difficulty we're having with the HRA. There  
17 were so many ships that came. It's very difficult for  
18 us to tell what berths they were all in. That is one  
19 problem we are having.  
20 The Crittenden obviously arrived January '4- --  
21 1947. Because these were target ships and they were  
22 more heavily contaminated, they stayed the longest out  
23 at Kwajalein before they were brought to California. So  
24 they did not get to Hunters Point until January of '47.  
25 Crittenden was sunk off the southern California  
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1 coast in October 1948. That was its disposition. When  
2 it left HPS, I just don't -- I cannot find a date.  
3 Gasconade was sunk off the southern California coast  
4 July 1948; and, of course, the Independence was sunk off  
5 the San Francisco coast in January 1951. The  
6 Independence did stay at HPS until shortly before its  
7 sinking. So it was there the longest.  
8 Operation Hardtack: NRDL participated in all  
9 atomic tests that were conducted when it was in  
10 operation. And Hardtack -- there was Hardtack 1 and  
11 Hardtack 2. Hardtack 1 was at the Pacific Proving  
12 Grounds, had 35 atomic de- -- weapons detonations.  
13 Hardtack 2 included 35 detonations at the Nevada test  
14 site, and both were done in 1958.  
15 One of the things that NRDL did with the  
16 weapons test was: They built trays. Trays looked a lot  
17 like giant cookie sheets, and they would build them out  
18 of a variety of different materials, and they would send  
19 them out there, detonate the weapon. They collect the  
20 fallout from the weapon and test how the -- what the  
21 weapon affect was on different types of materials,  
22 plastic versus painted wood versus varnished wood versus  
23 metal versus whatever.  
24 They also used a lot of animals out at the  
25 weapons sites. And yes, they did bring samples back to  
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1 Hunters Point from these sites. How much material they  
2 brought back is very difficult to determine based on the  
3 records that we have.  
4 There were three destroyers used as targets in  
5 Hardtack 1 out in the Pacific. Two were towed to Pearl  
6 Harbor. One was towed to San Francisco -- or Hunters  
7 Point. That was the USS Killen. It was there for some  
8 experimentation, and it was later sunk off of Vieques in  
9 Puerto Rico. There's been a lot of inquiries about that  
10 particular ship lately.  
11 Ongoing site work. Building 366, we have  
12 been -- finished a Class 1 survey. The report is being  
13 prepared. I have not had a chance to review all the  
14 data. We are not doing any work in that building right  
15 now. And until I review the data, I really am not sure  
16 the extent of any contamination that was found or if  
17 contamination was found.  
18 Building 253, we found contamination throughout  
19 the building. And we have removed some ventilation  
20 systems, but they are contained in containers, and we  
21 have stopped work in that building while we are trying  
22 to assess what we are going to do, because the  
23 contamination is that extensive and it's in the piping  
24 system and ventilation system. So we're just not sure  
25 what our best option is yet with the building. I have  
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1 to get all the information on that to make a good  
2 assessment.  
3 MS. SUMCHAI: Was that on Parcel C?  
4 MS. LOWMAN: Parcel C would be for 253, and I  
5 think 366 is in "D."  
6 MR. FORMAN: Yes.  
7 MS. LOWMAN: Upcoming site work. As we  
8 mentioned before, we're going to go back and do  
9 Building 146. Previously we only surveyed about  
10 20 percent of the building. We're going to go back and  
11 do a 100 percent survey.  
12 One unique thing we found lately is a trailer  
13 that was out at the site, and it said "Atomic Energy  
14 Commission" on it. We're not exactly sure what it was  
15 used for. It could be an old NRDL trailer, although the  
16 markings aren't consistent with how other documentation  
17 has indicated NRDL marked their equipment. So I don't  
18 really know that for sure. But we are going to be doing  
19 a survey of that trailer.  
20 And, of course, we are going to be doing Power  
21 Plants 203 and 521. 203 is in Parcel C and 521 is in  
22 Parcel E.  
23 MS. OLIVA: And where's L?  
24 MS. LOWMAN: I'm not sure where it is.  
25 MR. FORMAN: "E."

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1 MS. LOWMAN: "E"?  
2 Yeah, it's in "E." Yeah.  
3 And we're going to be doing IR-02 northwest.  
4 There's an area in there where some later reports --  
5 Although we have found no historical information  
6 indicating it is the radium dial disposal area, it has  
7 been identified as a radium dial disposal area in some  
8 early 1990 reports.  
9 We're formalizing our characterization  
10 remediation plan for that area. They have done several  
11 studies there previously. I'm not sure of the extent  
12 that IR-02 northwest is -- is bigger than the radium  
13 dial disposal area. We haven't formalized our actual  
14 characterization and remediation plans just yet.  
15 Former 500 building sites, which is in Parcel E  
16 and Parcel D, these were NRDL main buildings before they  
17 built Building 815. The more we read, the more we  
18 study, the more we feel there is a need for a complete  
19 assessment of these sites. These are not buildings.  
20 Most of the buildings are gone, but the foundations  
21 still remain.  
22 And we have some contamination in some piping  
23 associated with these buildings. They -- The time they  
24 were active they did not have on active sewer lines.  
25 They had drain fields, more like a septic tank system.

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1 And we have located an underground isotope  
2 storage vault that was associated with Building 529.  
3 529 is no longer there. But the underground isotope  
4 storage vault is there. It -- They filled it with the  
5 sand and put an 8-inch concrete cap on it, and it is  
6 still at the site.  
7 So we have a lot of work to do out there. We  
8 are just now putting together all our work plans for  
9 that site, and that will be a real -- that will be a  
10 real big project for us to do all of that area.  
11 MS. ASHER: And what -- what --? And the 500  
12 buildings are on which site?  
13 MS. LOWMAN: Parcel E.  
14 MS. ASHER: "E." Okay.  
15 MS. LOWMAN: "E," mm-hmm.  
16 Okay. Questions, discussion.  
17 MS. PENDERGRASS: Go right ahead.  
18 MR. FORMAN: I think Georgia's first.  
19 MS. PENDERGRASS: And then Mr. Campbell.  
20 MS. OLIVA: Laurie, thank you. My question in  
21 the first part was of -- of the ships that were sunk off  
22 the southern California coast, where in that southern  
23 California coast?  
24 MS. LOWMAN: Oh, I didn't bring the exact  
25 longitude and latitude, but I do have it, and I can make

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1 that information available to you. They are more out  
2 the San Diego area.  
3 MS. OLIVA: That's all I need.  
4 MS. LOWMAN: Okay.  
5 MS. PENDERGRASS: Okay. Mr. Campbell?  
6 MR. CAMPBELL: Yeah.  
7 MS. PENDERGRASS: And then Mr. Mason and then  
8 Mr. Brown.  
9 MR. CAMPBELL: Well, I had several questions.  
10 First of all, New World Technology was one of your lead  
11 remediation --  
12 MS. LOWMAN: Yes.  
13 MR. CAMPBELL: -- groups, and will you explain  
14 to the RAB what is happening. They're no longer . . .  
15 MS. LOWMAN: New World Technology has been our  
16 RAD contractor throughout the site for quite a while.  
17 Recently they have changed the way we are contracting  
18 for the RAD work out at the site, and they have  
19 issued -- "they" being Southwest. They have a prime  
20 contractor responsibility for RAD oversight, which is  
21 Tetra Tech, Foster Wheeler.  
22 And New World Technology's contract was  
23 finishing, and we are getting ready to issue scopes of  
24 work to ask 8-A companies to come in, and they're going  
25 to compete the contract so there will be other 8-A

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1 companies competing with New World for that work.  
2 The upcoming work would include everything that  
3 I had there on the slides. They weren't relieved for  
4 anything, any wrongdoing of any kind. Their contract  
5 ran out, and they wanted to compete the next phase of  
6 the contracting.  
7 MS. PENDERGRASS: Okay. Mr. Mason and  
8 Mr. Brown. Oh, I'm sorry.  
9 MS. LOWMAN: He's not done.  
10 MR. CAMPBELL: You notice on the Independence,  
11 the Independence was here quite a bit longer, and that  
12 ship was hot. We even have pictures of it here. You  
13 know what the cause and effects might have been from  
14 that ship being here?  
15 MS. LOWMAN: The Independence was here a long  
16 time. There is some indication that they did very  
17 little decontamination work on the Independence. They  
18 used it more for experimentation than they did any decon  
19 work. They had bars on it. It was posted. There were  
20 some areas where they have had -- didn't let people on  
21 at all.  
22 So we are trying to assess where the  
23 Independence was berthed and make sure that we look at  
24 all the appropriate areas. But because the  
25 decontamination efforts were limited, we are thinking  
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1 there's really very little residual effect as long as  
2 the experimentation was restricted to being on the ship  
3 itself.  
4 Did you have one more? Not right now okay.  
5 MS. PENDERGRASS: Mr. Mason.  
6 MR. MASON: Laurie, how are you?  
7 MS. LOWMAN: I'm good. Thank you.  
8 MR. MASON: I have a question I wanted to ask  
9 you, and it concerns some of the stuff that Keith is  
10 talking about earlier about the -- the status of  
11 documentation back in the day . . .  
12 Okay. You were interviewing approximately  
13 107 people. Did you talk to them about what their  
14 health status was today?  
15 MS. LOWMAN: Mm-hmm [nods].  
16 Most folks that we have contacted are older,  
17 and they are very anxious to talk with you or with me or  
18 whomever contacts them about their health status. We  
19 have gotten sometimes more information than you'd ever  
20 want to know.  
21 But -- and some of them have just contacted  
22 as -- as family members of people who are predeceased  
23 and want to know if their family members could have had  
24 any health impacts because of radiological operations  
25 out there and did not have any knowledge of radiological  
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1 operations. Of course, for us it's very difficult for  
2 us to assess that.  
3 But they do -- for the most part, the ones that  
4 we found that had good backgrounds on radiological  
5 issues have been very healthy. I've interviewed some of  
6 them in person. We've really had a good response. And  
7 I have very limited information in a negative vein that  
8 would lend itself to problems because of radiological  
9 issues.  
10 There's a lot of meth- -- how do you say it? --  
11 asbestos, metho- --  
12 MR. FORMAN: Mesothelioma.  
13 MS. LOWMAN: -- mesothelioma. There we go.  
14 There's a lot of inquiries about that and where they can  
15 go. But, of course, that's not my jurisdiction. So  
16 it's kind of difficult for me to have --  
17 MS. PENDERGRASS: We have a question here and  
18 then Dr. Sumchai.  
19 MR. L. BROWN: Hello, Laurie. I'd like to ask  
20 you, you said the 253, Building 2- -- 253, contamination  
21 was found throughout the building. What about the sewer  
22 pipes?  
23 And where was the pump station for the -- for  
24 building 253?  
25 MS. LOWMAN: The pump station is being looked  
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1 at. I don't know that it's on that list.  
2 We have looked at some of the piping in 253.  
3 It appears there was a radium dial pitch off in 253. We  
4 had a hard time locating that facility being the radium  
5 dial paint shop. Not 253. Everybody knows where that  
6 is. But we believe it's in that building.  
7 The common practice back in the late -- or late  
8 '40s, early '50s, was to pour the radium paint down the  
9 sewers. So we will be investigating those when we go in  
10 and make an assessment of how much we are going to look  
11 at there.  
12 MS. PENDERGRASS: Okay. Dr. Sumchai?  
13 MS. SUMCHAI: Let me just, you know, begin my  
14 comments but saying that I haven't been privy to this  
15 information any more than anyone else here. So I'm, you  
16 know, speaking with as much insight as the rest of you  
17 are to the new information that's been presented.  
18 But clearly, if there's one summary statement  
19 that can be made about the scope of the HRA today is --  
20 it is that the more you look, the more you find.  
21 I have concerns about us arbitrarily choosing  
22 an August cutoff date for release of the document,  
23 particularly in light of the significant new information  
24 that you have presented that suggested -- suggested  
25 there more -- might be more out there.  
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1 You've got 29 people selected for in-depth  
2 interviews and 35 additional potential interviewees. I  
3 would think that you could at least screen within the  
4 next six weeks or so and make sure that there is not  
5 valuable new or corroborating information that we need  
6 to draw upon here.  
7 The NARA-College Park declassification of  
8 documents, this is information that's new to me. It  
9 sounds as if it is a potential wealth of information.  
10 I am very concerned about the continued  
11 discovery of off-base sites, and I hope that you're all  
12 appreciating that we are geographically expanding the  
13 site of Hunters Point Shipyard radiological operations  
14 by the month. I mean, we have Mariner's Village.  
15 Before we have got FUDS sites that have been  
16 incompletely investigated, and now we have a site,  
17 Islais Creek. What's the MARSSIM classification of --  
18 of that?  
19 MS. LOWMAN: Until we go in and look at the  
20 site, I can't really classify it.  
21 MS. SUMCHAI: Okay. So --  
22 MS. LOWMAN: I haven't been inside the site  
23 yet. We have haven't gotten access. We don't know who  
24 owns it. So . .  
25 MS. SUMCHAI: Okay. Well, let me just conclude

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1 by saying I don't agree that we need to rush to produce  
2 a document if you got outstanding -- a outstanding  
3 wealth of information that needs to be looked at  
4 carefully, especially in view of the pattern that we  
5 have an expanding universe of radiological operations at  
6 the Hunters Point Shipyard. We just can't arbitrarily  
7 set a cut-off date for a historical document if you know  
8 that you have historical information that you've not  
9 screened more adequately.  
10 MS. LOWMAN: The deadlines that are set for  
11 this are for a draft final. HRA is a draft. And we are  
12 constantly acquiring bits and pieces of information.  
13 I've recently been contacted by someone from  
14 the National Association of Atomic Veterans, and they  
15 have started to offer up some of their information. We  
16 are looking at anything and everything. And if we come  
17 up with what we consider to be significant amounts of  
18 information, we will take that forward up the chain of  
19 command and see about changing dates.  
20 But right now I have -- we feel we have a real  
21 good handle on what is in the database right now, and it  
22 would take a whole lot of new information, probably, to  
23 change those dates. Those dates are established at the  
24 Secretary of the Navy level, and we have been working  
25 diligently, 10, 12 hours a day, six, seven days a week,

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1 trying to meet all those dates.  
2 And like I say, if I feel -- I do have that --  
3 the option that if I feel that we come up with  
4 significant amounts of new information, we will try to  
5 address that because we have made that commitment to  
6 produce an accurate and comprehensive HRA.  
7 MS. PENDERGRASS: Can I suggest at this time  
8 unless there's just really -- can we write down any  
9 other questions and get them to you?  
10 MS. LOWMAN: You sure can.  
11 MS. PENDERGRASS: Can we do that?  
12 MS. LOWMAN: Mm-hmm.  
13 MS. PENDERGRASS: I -- I know there's two other  
14 hands here. Can we do that, write the questions so that  
15 we can move on with the agenda?  
16 Then Mr. Campbell's first and then here.  
17 MR. CAMPBELL: Sure.  
18 Laurie, the site by Islais Creek --  
19 MS. LOWMAN: Mm-hmm.  
20 MR. CAMPBELL: -- is that a FUDS site?  
21 MS. LOWMAN: Mm-hmm.  
22 MR. CAMPBELL: Well, how is the Navy using it  
23 otherwise? I mean, does the EPA -- would they care to  
24 comment on that?  
25 MS. LOWMAN: You know, we are still

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1 investigating who owns the proper- -- property right  
2 now. The last time I had somebody go down and look,  
3 Building 418 was up for lease. These are very, very  
4 large warehouses, take up an entire city block, each  
5 building does.  
6 So I don't know -- I know that Southwest was  
7 researching on who owned the buildings at the time of  
8 use, whether the Navy owned them or whether the Navy  
9 leased them. We're still trying to get that information  
10 so that we can determine if they are FUDS or if they're  
11 Navy responsibility. It's very difficult to assess  
12 right now because we don't have the property ownership  
13 line traced.  
14 MS. PENDERGRASS: Okay. Final question from  
15 Miss Oliva. I'm sorry.  
16 MS. OLIVA: Laurie, don't you think that the  
17 information you have presented us today is, quote,  
18 significant?  
19 And is this in the database in reference to the  
20 draft for the HRA, or do you think that would be  
21 spinning your wheels by producing a document for  
22 everything then?  
23 MS. LOWMAN: All the information I have  
24 presented today is in the HRA right now. This is  
25 information that we wanted to brief you on and let you

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1 I know we made the commitment that we would tell you any  
2 new information we found.  
3 So this is information -- excuse me -- that we  
4 put in the draft HRA that is out for internal Navy chop.  
5 All of this information I presented today is already in  
6 the HRA.  
7 MS. PENDERGRASS: Okay. The final question  
8 now.  
9 MR. WORK: I just wanted to respond since a  
10 question was directed at EPA.  
11 I concur with the presenter's analysis. We  
12 just found out of the existence of the warehouse this  
13 week, and we don't know if it was federally owned or  
14 not. But if it was federally owned, I would be inclined  
15 to say yes, it would become a FUDS.  
16 MS. PENDERGRASS: All right.  
17 MS. LOWMAN: I don't think the Corps of  
18 Engineers knows yet. So, you know, we haven't really  
19 contacted them, so this could be a surprise for them.  
20 MS. PENDERGRASS: Okay. All right. Thank you,  
21 Laurie.  
22 MS. LOWMAN: Okay.  
23 MR. FORMAN: Thank you, Laurie.  
24 MS. PENDERGRASS: All right. We're going to  
25 move on to the agenda. Again, it's open. If you have  
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1 further questions, if you can get them to Keith, and  
2 Keith will get them to Laurie; and we'll make sure that  
3 those get -- get answered.  
4 We're going to move on in the agenda to  
5 election of community co-chair.  
6 At this point, Joni, you're going to handle the  
7 ballots. But before we hand out ballots . . .  
8 Before we hand out ballots, let me just go with  
9 process real quick so everybody's real clear.  
10 Last RAB meeting we developed a slate for  
11 community co-chair. Tonight we will vote on that. The  
12 only folks per the bylaws that have been ratified is  
13 that only RAB members can vote for community co-chair.  
14 That excludes regulators and the Navy.  
15 So at this point, can we have a show of hands  
16 of those people who are RAB members so we can get a  
17 count?  
18 Okay. So we have Miss Jackson, 1, 2, 3, 4, 5,  
19 6, 7, 8, 9, 10, 11, 12, 13. Thir- -- Fourteen. We have  
20 14 RAB members. So we will have.  
21 MS. RINES: Sorry.  
22 MS. PENDERGRASS: Fifteen.  
23 MR. RAB MEMBER: Don.  
24 MS. PENDERGRASS: Sixteen.  
25 MS. RINES: I'm sorry.

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1 MS. PENDERGRASS: I'm sounding like an  
2 auctioneer. Sixteen RAB members here. So we will  
3 distribute 16 ballots, and we will collect 16 ballots.  
4 (Ballots distributed at 6:59 p.m.)  
5 MS. RINES: Could I have one, please.  
6 MS. PENDERGRASS: In the event that there's a  
7 tie, we will repeat the process and have a tie-breaker.  
8 Okay. We can mark those ballots and pass those  
9 back.  
10 And Joni, can you collect those again now?  
11 MS. JORGENSEN-RISK: Ballot box.  
12 MS. PENDERGRASS: No, we don't need a ballot  
13 box. Just collect them. Sixteen.  
14 MR. TISDELL: We have -- You have a question.  
15 MR. MANUEL: I have a question. Hello?  
16 MS. PENDERGRASS: Yes, sir, Mr. Manuel.  
17 MR. MANUEL: Yeah. The last meeting we had, it  
18 was my understanding that Jesse Mason was running also.  
19 MR. RAB MEMBER: No.  
20 MS. PENDERGRASS: No. I think he declined.  
21 MR. MANUEL: Oh.  
22 MS. PENDERGRASS: Yes. Yes.  
23 MR. MANUEL: I thought he was running.  
24 MS. PENDERGRASS: He was nominated, but he  
25 declined.

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1 MR. MANUEL: Oh, I see.  
2 MS. PENDERGRASS: All right. Do we have all  
3 the ballots gathered?  
4 MS. JORGENSEN-RISK: No, not yet.  
5 MS. PENDERGRASS: Thank you, Laurie.  
6 MS. LOWMAN: Oh, I'm not leaving. I'm just  
7 moving my stuff. It's in the way.  
8 MS. PENDERGRASS: Also for distribution today  
9 we have the approved and voted-on revised bylaws. So  
10 these are the current bylaws that we're working under at  
11 this point. So Joni's going to distribute those.  
12 All right. Do we have all the ballots in? Is  
13 anyone still voting? Okay. Can we pick those up,  
14 please. All right.  
15 At this point, we're going to take a break.  
16 we're going to take a five-minute break -- ten-minute --  
17 I'm sorry -- ten-minute break to give Christine's hands  
18 a rest, and then we will reconvene at a quarter after  
19 and continue on.  
20 (Recess 7:01 p.m. to 7:13 p.m.)  
21 MR. FORMAN: Okay. If we could have everyone's  
22 attention, and -- and please turn your attention here,  
23 and we'll resume the RAB meeting.  
24 MS. PENDERGRASS: Thank you.  
25 One thing that -- One that we didn't cover is:

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1 Was there a handout from Laurie on her presentation?  
2 MR. L. BROWN: Yes.  
3 MR. FORMAN: Yes.  
4 MS. OLIVA: I had a question.  
5 MS. PENDERGRASS: Yes. I -- Did everybody get  
6 that?  
7 MR. L. BROWN: [Indicating.]  
8 MS. WRIGHT: No.  
9 MS. PENDERGRASS: Laur- -- Joni, is there --?  
10 MS. JORGENSEN-RISK: There wasn't a big supply.  
11 MS. PENDERGRASS: Okay.  
12 MS. SUMCHAI: I would like a copy.  
13 MS. PENDERGRASS: Okay.  
14 MS. SUMCHAI: In fact, I'd like a copy in  
15 advance.  
16 MS. PENDERGRASS: Okay. If we could try to  
17 get --  
18 MS. JORGENSEN-RISK: Sure.  
19 MS. PENDERGRASS: -- those, that would be  
20 great. Okay. So we can make sure that there is some  
21 available, though, for maybe next time.  
22 MS. JORGENSEN-RISK: Okay.  
23 MS. PENDERGRASS: All right.  
24 All right. Let's . . . okay. Anybody who has  
25 questions for Laurie regarding her presentation, we're

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1 going to submit them through Keith. Okay? Perfect.  
2 MR. L. BROWN: Why not now?  
3 MS. PENDERGRASS: We're going to submit them  
4 through Keith.  
5 All right. Let's -- let's resume. Next we  
6 have a quick presentation -- hopefully, it's a quick  
7 presentation. If could do this in 15 minutes, it would  
8 be great -- from the U.S. EPA, Steve.  
9 Steve.  
10 MR. DEAN: Hopefully, I don't need a  
11 microphone.  
12 MS. PENDERGRASS: Yeah.  
13 MR. DEAN: I'd prefer without one.  
14 MR. TISDELL: He talks very loud.  
15 MR. DEAN: I can -- yeah, I'll project usually.  
16 And whoops. I also have my laser pointer, and I'd like  
17 to work close to the board here if that's okay. I'll be  
18 working just in this area [indicating], okay?  
19 Well, United States Environmental Protection  
20 Agency scanner van survey of Hunters Point, Region 9.  
21 Region 9 requested a ra- -- radiological survey. It's  
22 using the scanner van.  
23 Now, the scanner van is actually a -- well, go  
24 back to the first one here -- looks like a -- looks like  
25 a FedEx truck, big heavy-duty job. They put a

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1 detector -- several detectors inside this thing, and  
2 they drive it around.  
3 And Claire wanted -- Claire Trombadore wanted  
4 us to use the scan van to make sure that Parcel A was  
5 free of radiological contamination. We know that  
6 Hunters -- the Navy had been working on Parcel A for,  
7 well, over a decade. I know I've been involved with  
8 this site for 13 years.  
9 So she asked me to commission the scan van  
10 survey from EPA's radio -- radiation and indoor  
11 environmental national lab reporting down in Las Vegas,  
12 okay.  
13 Normally the scan ran is used for dirty bomb  
14 searches, nuclear incidents. They really are primarily  
15 there for emergency response. But they will lend it to  
16 the regions for use of specific sites when we have a --  
17 have a need. We have used it in Region 9 twice before:  
18 once at Mare Island and then once at McClellan Air Force  
19 Base. And it's very helpful in locating anything that  
20 may have been overlooked.  
21 We conducted the one at Hunters Point  
22 September -- from September 9th through September 12th  
23 of 2002.  
24 In fact, Marty, you had accompanied us, and you  
25 also got some interesting things as technology really

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1 offers.  
2 It's a million dollars' worth of high-tech  
3 equipment. It really is a lot -- really isn't much else  
4 like it in the world. It's really well -- high --  
5 high -- state-of-the-art technology, and it's very --  
6 has a very sensitive detection system, which I'll try to  
7 explain later.  
8 Okay. Let's go to the map. I'm usually used  
9 to running my own.  
10 This is the map that the scan van traveled, all  
11 the colors. Basically, the variations in these colors  
12 are basically the variations in background that it found  
13 along the streets. Now, it's big. It's heavy. It  
14 cannot do off-road work. It's limited to streets,  
15 roads, anything that a reasonable car can drive over.  
16 I'm going to talk a little later about three  
17 areas: the one right here [indicating], Building 253,  
18 the pump house for Dry Dock 3, and then Friedell Street,  
19 right up in here. Those are the areas if you have a  
20 copy of it, if you have a copy of the report, you'll  
21 look and you'll see that the highest areas of background  
22 were at those three locations. So just want to point  
23 that out.  
24 Let's go to the main detect -- okay. Main  
25 detector assembly. It has two 4 by -- 4-inch by 4-inch

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1 by 16-inch sodium iodide detectors. One is encased in  
2 lead, lead -- lead shot, lead BBs, a thousand -- well,  
3 1 ton, 2,000 pounds' worth of lead, with a window on it  
4 that just points directly out the side of the van; and  
5 as it drives along, it just sees whatever comes out in  
6 front of the -- the window. It's this window here  
7 [indicating].  
8 Okay. This is a pick -- actual picture of  
9 the -- of that system, that main detector, in -- inside  
10 the truck itself. It's that extra 2,000 pounds which  
11 makes the scan van -- well, limits its off-road  
12 capability, 'cause it's a bit top heavy, and we have to  
13 be very careful. Also, this -- this detector is very  
14 sensitive. It's -- it's like glass. It's very  
15 delicate.  
16 It also have another detector. It's a  
17 background detector planted up on the ceiling of the --  
18 of the van. It's not pictured here.  
19 But let me talk a little bit about sodium  
20 iodide detectors. The Navy usually uses -- for their  
21 survey work, they use a detector that's about the size  
22 of this cap, end cap, on my detector, okay? That's a  
23 two-by-two sodium iodide detector. That is industry  
24 standard, okay.  
25 I use for confirmation work a three-by-three

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1 this could only be done in laboratories. You could not  
2 do it in the field. That with the advent of micro  
3 computers, you can now take a in situ gamma spectroscopy  
4 survey on the move, while the thing's rolling down the  
5 street.  
6 And this is what you would call a typical --  
7 This one, the middle one here, is a typical  
8 background -- radiation-background spectrum. This is  
9 what it looks like virtually anywhere: your background,  
10 any street in San Francisco, any street in the country,  
11 really.  
12 This is a Compton curve. I'm not going to get  
13 in the tech -- the technicals of this, but this is  
14 common in every gamma spectrum. It's unavoidable. It's  
15 background in terms of space. It comes from the  
16 radioactive minerals that are in the earth when it was  
17 formed. Potassium 40, which is also naturally  
18 occurring, is this peak right here [indicating], okay?  
19 So we look at these spectra, and we can compare  
20 them and tell what is in it, because what is in your --  
21 in your detect- -- what the detector is seeing.  
22 For instance, this peak right here, sticks out  
23 like a sore thumb, that's cesium. And every time we're  
24 driving along we see a peak pop up right here, we know  
25 we've got -- we've got cesium contamination. You

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1 sodium iodide detector. That's typically three times  
2 more sensitive. That way I can feel confident that what  
3 I'm measuring is reality, okay, that they have --  
4 The scan van uses a detector this size  
5 [indicating], 4 by 4 by 16 inches. This [indicating] is  
6 actually a little longer than that, but just say the  
7 portion from my hand over, okay? That gives you some  
8 sense of just how much more sensitive this guy is than  
9 even what I use, okay. It's amazing.  
10 At one point, they were using the scan van to  
11 find marijuana plants down in the south because it --  
12 marijuana draws more potassium iodide out of the soil  
13 than standard or typical plants. They can tell the  
14 difference in sodium io- -- or potassium in -- in  
15 plants. So it'd drive down these country roads and  
16 looked for -- looked for pot -- pot growers. But it  
17 gives you some sense of how sensitive it is.  
18 Now, what they have done with this equipment  
19 is: They have attached a new -- a new computer that  
20 will give -- yeah, you can go to the next one, okay --  
21 that will give what's called a gamma spectrum, and this  
22 is the energy of all the gamma rays that are coming into  
23 the detector. It can discriminate the various energies  
24 of those. And this is very state of the art.  
25 There was a -- there was an era of history that

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1 understand that?  
2 It's like a fingerprint. Every radionuclide --  
3 gamma-emitting radionuclide -- qualify that statement --  
4 emits a characteristic gamma energy, and you can tell  
5 what -- you can identify the radionuclide by the changes  
6 in this shape of these -- of this background spectrum,  
7 okay? That's what -- that's what the scan van is doing.  
8 Okay?  
9 Off to the next one.  
10 Well, the scan van covered all nav- --  
11 navigable roads in Parcel A. Every place it could  
12 drive, it would. It would drive down the street with  
13 the detector pointing -- always pointing to the right,  
14 turn around, come back the other way, again, the  
15 detector pointing to the right, they go up back up the  
16 street. And the whole time it's doing that the computer  
17 is recording all the spectral data that you saw  
18 previously.  
19 You can go to the next one.  
20 Okay. We also -- also surveyed everything we  
21 could in Parcel B and C. These weren't ready for  
22 release. But we decided to go ahead and try to help the  
23 Navy out. If we found any gross contaminations  
24 somewhere, why, we want to be able to tell them they  
25 still have issues, okay?

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1       Parcels E -- D and E only got partially  
2 scanned. Overgrowth and inaccessible roads in Parcel E,  
3 you can see this photo here. This is -- The scan van  
4 right now is on it -- in this picture here, it's on  
5 its -- on the road trying to get to Buildings 5 -- the  
6 500 series building -- buildings that Laurie Lowman was  
7 just looking at.  
8       Couldn't really get through this. We were  
9 tearing the van up, you know, million-dollar piece of  
10 equipment, because the roads just aren't acceptable for  
11 the scan van. Especially in Parcel E, some of the dirt  
12 roads out towards the radium landfill, the radium dump  
13 site --  
14       MR. L. BROWN: Radium dials? Radium dials?  
15       MR. DEAN: Radium dials, yes. The -- the roads  
16 just aren't -- aren't good enough for this van to  
17 travel. So we're limited.  
18       Ray -- There were ongoing investigations in  
19 Parcel D. Some of the streets were closed off.  
20 Obviously, the scan van couldn't do those, okay.  
21       One of the streets in front of Building 364 was  
22 closed. I was very disappointed. I really wanted them  
23 to see if they could find anything else. But that will  
24 have to be for another day.  
25       Let's go on.

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1       Okay. Now, I mentioned that we found three  
2 elevated background areas in this -- in the scan van on  
3 the map. Okay. First one was a pump house anomaly.  
4 The word really is a misnomer here. You can say pump  
5 house slightly elevated background, but I needed to save  
6 space here.  
7       Okay. The scan van detected natural potassium  
8 and other natural radionuclides from the red brick walls  
9 of the pump house. And this is the pump house here.  
10 It's on Dry Dock 3. You know the one I'm talking about?  
11 Really interesting place.  
12       MS. ATTENDEE: Yes.  
13       MR. DEAN: And then here's the operator, Roger  
14 Goodman, looking at the spectrum. You can almost make  
15 it out. The room was a little dark. You could almost  
16 make out the exact spectrum that I showed you earlier,  
17 shape. And he's looking at the wall. Right now the  
18 detector's looking at the wall.  
19       All it turned out to be was naturally occurring  
20 stuff that's commonly found in firebrick and  
21 potassium-40, which comes from the ocean. The bay out  
22 here is full of the stuff. It causes a real problem for  
23 us when we try to do surveys and differentiate between  
24 potassium-40, which is natural, and contamination.  
25       Okay. The next anomaly was the Friedell Street

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1 anomaly, corner of Friedell and Jerr- -- Jerrold. If  
2 you look at the report, you'll see the areas I'm talking  
3 about.  
4       Okay. You can go to the next one.  
5       Okay. Now, you turn the corner off of Jerrold  
6 onto Friedell, and you get -- you start getting -- the  
7 spectrum starts -- some of the peaks start climbing a  
8 little bit. It turns out, firebrick in the chimney and  
9 fireplace contained natural radiation. This house has a  
10 fireplace, and the chimney runs all the way down inside  
11 the corner of the building. Be like, say, in that  
12 corner. The scan van was driving along the outside. We  
13 climbed into the building, and sure enough, here's  
14 firebrick inside the fireplace.  
15       Now, I've lived in several homes here in -- in  
16 San Francisco. They had fireplaces almost identical but  
17 slightly higher elevated natural radiation. That  
18 fireplace would have -- probably have the very same  
19 thing.  
20       MS. PENDERGRASS: You have five minutes.  
21       MR. DEAN: Pardon?  
22       MS. PENDERGRASS: You're at the  
23 five-minutes-to-go mark.  
24       MR. DEAN: I got five minutes left? Well,  
25 good. Just about there.

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1       Next one, please.  
2       Right beyond the -- the house with fireplace,  
3 there was a barbecue pit in the yard right next to it.  
4 So you could see, here's the van and my car. I took the  
5 photographs. Here's the fireplace. I mean the barbecue  
6 pit. Excuse me. You could see -- it's about 60 feet  
7 away, but levels are just not even quite twice  
8 background. And the scan van was able to tell us that  
9 it was slightly elevated.  
10       And, of course, up on -- where we walked right  
11 up to it and measured it, sure enough, firebrick had --  
12 had about twice background radiation. So that gives you  
13 some sense of how sensitive this instrument is that's in  
14 this van, to see twice background at 60 feet away.  
15       Go to the next one, please.  
16       Okay. Building 253 anomaly. Again, natural --  
17 natural potassium-40 was all along this building here,  
18 'cause of the wind, the sea, is blowing right off --  
19 right off the bay, hits this glass, washes down,  
20 collects right along here. Scan van was able to see it.  
21       Okay. Next one.  
22       It was also a floor of asphalt right in --  
23 right in front of the building had two different levels  
24 of -- of radium in the gravel, okay. It wasn't  
25 contamination. It was just gravel has more granite in

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1 this -- you can see the pour here. You can see the pour  
2 of the asphalt, how this one is rounder than this one.  
3 This one had more -- higher levels of naturally  
4 occurring radionuclides in the gravel.  
5 We study -- You can see a team of people that  
6 I brought in, some specialists I brought in, to help  
7 work this problem out, walk away totally convinced that  
8 it was just naturally occurring material. You can find  
9 the same type of variations in asphalt and concrete in  
10 any -- anywhere in the world.  
11 Okay. Let's go to the next.  
12 Okay. Conclusions. All anomalies detected  
13 during the scan were naturally occurring sources at  
14 levels consistent with -- with what would normally be  
15 found in the environment. We didn't see anything that  
16 looked like any serious contamination.  
17 Based on the scan van results, none of the  
18 scanned areas warrant further radiological  
19 investigation. We weren't able to point to the Navy,  
20 point anything out to the Navy, to tell them, "Hey, you  
21 missed a spot." That's not to say they don't have more  
22 work in buildings.  
23 Okay. Let's go to the next one, please.  
24 Okay. Report of the radiolog- -- radiological  
25 scanner van survey of Hunters Point was completed in

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1 MR. CAMPBELL: Okay. Did you -- did you detect  
2 anything else?  
3 MR. DEAN: No.  
4 MR. CAMPBELL: There was just a presentation  
5 done on 253.  
6 MR. DEAN: Right. They've got Cesium 137  
7 inside the duct work, and the problem is: It's at such  
8 low levels and so far away from the van --  
9 MR. CAMPBELL: Yeah. And they also -- they  
10 also saw a radiological higher than background levels on  
11 the roof also. So you didn't detect that.  
12 What I'm curious about, how far away can you  
13 detect sources?  
14 MR. DEAN: Depends on the source -- the  
15 strength of the source.  
16 MR. CAMPBELL: I see. So you don't want to  
17 give us some idea?  
18 MR. DEAN: Well, five --  
19 MR. CAMPBELL: You -- you gave us 60 feet.  
20 MR. DEAN: Building's taller than that.  
21 We were up on the building -- on the roof of  
22 the building with detectors the same day we did the  
23 survey of the asphalt. We went through the building.  
24 We know the areas in there.  
25 I originally thought the scan van had seen

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1 March of 2003. The report was released to the public in  
2 April -- on April 10th, 2003. Copies were made  
3 available for -- to the RAB members at the April 24th,  
4 2003, RAB meeting.  
5 MS. PENDERGRASS: All right. Thank you, sir.  
6 MR. DEAN: That's it.  
7 MS. PENDERGRASS: Okay. We got a couple of  
8 questions here.  
9 MR. DEAN: Okay.  
10 MS. PENDERGRASS: We have a question here with  
11 Mr. Campbell and then --  
12 MR. ATTENDEE: Yeah.  
13 MS. PENDERGRASS: -- Ms. Oliva.  
14 MR. CAMPBELL: There -- there were a couple of  
15 questions. Number one, your spectrum analyzer, you  
16 talked about 60-foot distance, and you're picking up  
17 anomalies or higher than background in some cases.  
18 MR. DEAN: No, nothing was higher than  
19 background.  
20 MR. CAMPBELL: Okay. Now, you were looking at  
21 Building 253. You were picking up what you thought was  
22 coming from the ocean? The Navy just --  
23 MR. DEAN: No. We were seeing potassium-40  
24 that's a sea salt that collects on the side of the  
25 building --

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1 those, those areas. But that's not what the scan van  
2 was seeing.  
3 MR. CAMPBELL: Okay. So your spectrum analyzer  
4 can detect certain sources of radiological, but there  
5 are other anomalies it can't see? In other words, the  
6 spectrum isn't --?  
7 MR. DEAN: It will -- it will analyze all gamma  
8 emitters.  
9 MR. CAMPBELL: Okay. Thank you.  
10 MS. PENDERGRASS: If we could pass it to  
11 Ms. Oliva. And your question here and then . . .  
12 MS. OLIVA: Thank you, Mr. Dean. It's an  
13 amazing under -- un- -- undertaking that the EPA did.  
14 But you had mentioned that this study was limited even  
15 though the vehicle's state of the art.  
16 MR. DEAN: Right.  
17 MS. OLIVA: And I totally find all of this  
18 pretty unacceptable after Ms. Lowman's report.  
19 I would also have a question: If you took the  
20 van up on Parcel A up on the hill --  
21 MR. DEAN: Yes.  
22 MS. OLIVA: -- by the enclosed glass building  
23 that the scientists supposedly used as an area to stay  
24 in, did you go --?  
25 MR. DEAN: You'll have to check the map. I

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<p>1 don't know what building you're talking about.</p> <p>2 MS. OLIVA: The police also do --</p> <p>3 MR. DEAN: Parcel A?</p> <p>4 MS. OLIVA: -- shooting, target shooting.</p> <p>5 MR. DEAN: Target. Parcel A, are you -- are</p> <p>6 you sure he was not --? 'cause he was with us when we</p> <p>7 did the Parcel A survey.</p> <p>8 MS. OLIVA: Did -- did that --? Did the van go</p> <p>9 up on that hill?</p> <p>10 MR. DEAN: It went everywhe- -- it went</p> <p>11 everywhere we had -- we had access to.</p> <p>12 MS. OLIVA: Well, I --</p> <p>13 MR. DEAN: Check the map; and if you've got --</p> <p>14 if you've got a issue with --</p> <p>15 MS. OLIVA: I need to know from you if the van</p> <p>16 went up there.</p> <p>17 MR. DEAN: As far as I know, it did. I mean,</p> <p>18 it went all over --</p> <p>19 MR. OFFENHAUER: She -- she can't give me a</p> <p>20 building location --</p> <p>21 MS. OLIVA: On the hill?</p> <p>22 MR. DEAN: We went every road --</p> <p>23 MR. OFFENHAUER: Every -- every road.</p> <p>24 MS. OLIVA: On the hill?</p> <p>25 MR. DEAN: On the hill. Down one side and up</p> <p>Page 69</p>	<p>1 anything.</p> <p>2 MR. DEAN: No.</p> <p>3 MS. BROWNELL: Okay.</p> <p>4 MS. PENDERGRASS: And Mr. Manuel?</p> <p>5 MR. MANUEL: My question is kind of a compound</p> <p>6 question. I guess the first one to be quick and dirty</p> <p>7 is: Because you couldn't go down that one particular</p> <p>8 road because of overgrowth, is there a plan to have</p> <p>9 somebody lay that down so that you can get in there?</p> <p>10 MR. DEAN: Well, we're going to let the Navy do</p> <p>11 its job. When they tell us they think it's clean, we'll</p> <p>12 come back --</p> <p>13 MR. MANUEL: So you'll come back and do that,</p> <p>14 okay.</p> <p>15 MR. DEAN: -- providing the scanner van is</p> <p>16 available.</p> <p>17 MR. MANUEL: Okay.</p> <p>18 MR. DEAN: Under a lot of -- As you can</p> <p>19 imagine in today's world --</p> <p>20 MR. MANUEL: Lot of demand.</p> <p>21 MR. DEAN: -- major demand --</p> <p>22 MR. MANUEL: All right.</p> <p>23 MR. DEAN: -- in time. It took -- it took some</p> <p>24 real arm twisting for me to talk them into coming out</p> <p>25 here.</p> <p>Page</p>
<p>1 the other.</p> <p>2 MS. OLIVA: No. Up the hill.</p> <p>3 MR. DEAN: Yes.</p> <p>4 MR. OFFENHAUER: Yes, yes.</p> <p>5 MS. OLIVA: Where the target shooting happens?</p> <p>6 MR. OFFENHAUER: Yes.</p> <p>7 MR. DEAN: Every road on Parcel A, see.</p> <p>8 MS. OLIVA: Where all the trees are?</p> <p>9 MR. OFFENHAUER: Yes, every road on Parcel A.</p> <p>10 MR. DEAN: We even went -- we even went -- we</p> <p>11 even over the old -- the old Navy road, which has been</p> <p>12 closed off for decades, as far as I know.</p> <p>13 MR. OFFENHAUER: Yeah.</p> <p>14 MR. DEAN: We went as far as we could, yes.</p> <p>15 Okay? Anything else?</p> <p>16 MS. BROWNELL: I wanted -- I know that you were</p> <p>17 out there, if you're going to talk about it, looking at</p> <p>18 the power plants recently. So it's not the scanner van</p> <p>19 report.</p> <p>20 MR. DEAN: That's out of scope for the scanner</p> <p>21 van.</p> <p>22 MS. BROWNELL: Okay. I just --</p> <p>23 MR. DEAN: It didn't -- it didn't see -- it</p> <p>24 didn't see --</p> <p>25 MS. BROWNELL: I was just curious if you saw</p> <p>Page 70</p>	<p>1 MR. MANUEL: Okay. Second part of my question</p> <p>2 is -- is that -- is there some kind of molecular number</p> <p>3 or something where you can tell the difference between</p> <p>4 something that's contaminated that's there, like a</p> <p>5 release of some sort or something that's natural</p> <p>6 occurring? Because it seems like it's kind of lending</p> <p>7 the assumption that the potassium that was on the</p> <p>8 building was naturally occurring because of the</p> <p>9 proximity to the water.</p> <p>10 MR. DEAN: Right.</p> <p>11 MR. MANUEL: Whereas if it was something else,</p> <p>12 an activity had taken place, is it possible that the</p> <p>13 chemical number would have been the same reading on</p> <p>14 your -- on your equipment whether it was a contamination</p> <p>15 or something that's naturally occurring because of the</p> <p>16 environment?</p> <p>17 MR. DEAN: Well, potassium-40 is naturally</p> <p>18 occurring.</p> <p>19 MR. MANUEL: Okay, but everything else --</p> <p>20 MR. DEAN: And it's never been used for any</p> <p>21 human -- for any human endeavor except for salt.</p> <p>22 MR. MANUEL: Okay. Anything else that would</p> <p>23 emit a gamma ray --</p> <p>24 MR. DEAN: Well --</p> <p>25 MR. MANUEL: -- that may be naturally</p> <p>Page 72</p>

1 occurring?  
2 MR. DEAN: We know exactly the energy of a  
3 potassium-40 emission. We know it's 1460.  
4 MR. MANUEL: That's potassium. But other  
5 things that that's designed to detect.  
6 MR. DEAN: What we do for radium, which is  
7 naturally occurring in the soil -- concrete, asphalt;  
8 it's always there -- we have to take a background survey  
9 of an unimpacted area. That's the MARSSIM -- The  
10 reference site is MARSSIM strategy.  
11 You go to an area that you know has not been  
12 impacted, and you do a spectrum of that, and then you  
13 always have those -- that energy to compare to something  
14 that's potentially --  
15 MR. MANUEL: I was wondering, because if you  
16 don't have a complete history, how do you know?  
17 MS. PENDERGRASS: Exactly.  
18 MR. DEAN: In ra- -- in radiation you have  
19 to -- you have to -- you have to make everything  
20 referenced to background --  
21 MS. PENDERGRASS: Okay.  
22 MR. DEAN: -- because even radium -- radium  
23 changes, even the naturally occurring, on unimpacted  
24 areas changes radically through geology. In fact, we  
25 have an area right out here that we know is naturally  
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1 occurring, but it has a fair amount of radium in it.  
2 MS. PENDERGRASS: Okay. Ms. Asher --  
3 MR. DEAN: Right outside --  
4 MS. PENDERGRASS: -- Ms. Asher and then  
5 Dr. Sumchai. Dr. Sumchai will be our last question.  
6 MR. DEAN: Okay.  
7 MS. ASHER: Okay. Just if you could refresh my  
8 memory, when you -- when you received something in  
9 April, the results of the scanner van survey --  
10 MR. DEAN: Okay.  
11 MS. ASHER: -- and when you use a scanner van  
12 and you go on all the navigable roads and you give it a  
13 clean bill of health, whatever, does that -- are you --  
14 is that an EPA standard, or is that a judgment call on  
15 your part?  
16 Or you mentioned doing this procedure at  
17 McClellan Air Force Base. I'm kind of trying -- trying  
18 to remember what it means that the scanner van drives  
19 around the base and you don't find anything; and as an  
20 EPA official, you're satisfied with that, right?  
21 MR. DEAN: [Nodding.]  
22 MS. ASHER: And so you're done with your  
23 assessment, as far as you're concerned?  
24 MR. DEAN: With the sc- -- with the scanner  
25 [nodding], scanner van.  
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1 MS. ASHER: With the scanner part.  
2 And what part of the --? And I'm just trying  
3 to figure out, do you always use the scanner at every  
4 base, or is it a -- this is -- this is a particular  
5 thing that you wanted to bring in here?  
6 MR. DEAN: What we try to do with the scan van  
7 is use it for a conf- -- final confirmation of -- of any  
8 base that's seeking closure of a specific area.  
9 In other words, Parcel A was -- the Navy felt  
10 they had done enough work that they were going to -- at  
11 the time we did this, that they were going to release it  
12 to the city.  
13 MS. ASHER: Okay. So --  
14 MR. DEAN: We try to do that to make sure  
15 nothing's been missed.  
16 MS. ASHER: Okay. So this is a final  
17 confirmation --  
18 MR. DEAN: The final confirmation.  
19 MS. ASHER: -- that nothing's been missed, and  
20 you're satisfied with that?  
21 MR. DEAN: Unfortunately, there are other  
22 issues that have arisen since then; but the point is, we  
23 were trying to give -- do a confirmation of Parcel A.  
24 MS. PENDERGRASS: Okay.  
25 MS. ASHER: Of just Parcel A. Okay, thank you.  
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1 MR. DEAN: Of just Parcel A.  
2 MS. PENDERGRASS: Dr. Sumchai?  
3 MS. SUMCHAI: I -- you know, I -- I guess I  
4 have to remind some of us about ba- -- basic remediation  
5 physics. We're looking at gamma waves, and the scan van  
6 doesn't detect particles by al- -- you know, alpha or  
7 beta particle emissions; and this is significant because  
8 the HRA identifies groundwater sites at the border of  
9 Parcel A and Parcel E and the region of Crisp Avenue  
10 that do have particle emitters in them.  
11 So the fact that the scan van doesn't pick up  
12 alpha or beta particles is something that we have to  
13 keep in the back of our minds.  
14 And also, the politics of using the scan van to  
15 clear Parcel A for transfer, you know, doesn't fly in  
16 light of the requirement for resolution of adjacency  
17 issues on Parcel E. They just told you that they didn't  
18 make any decisions about Parcel E; and clearly, there  
19 are radiological adjacency issues there that remain  
20 unresolved that would legally limit the ability to  
21 transfer Parcel A, no matter what the scan van shows.  
22 And then finally, I wanted to remind everybody  
23 that the legal and legislative challenges to the EPA's  
24 standard for clearance of buildings of Parcel A is one  
25 of the key issues on that parcel that we have to deal  
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<p>1 with right now.</p> <p>2 MS. PENDERGRASS: Okay. All right.</p> <p>3 MR. DEAN: Is that it? Okay. Thank you.</p> <p>4 MS. PENDERGRASS: Thank you so much.</p> <p>5 All right.</p> <p>6 (Applause.)</p> <p>7 MS. PENDERGRASS: All right. At this point --</p> <p>8 What we're going to do at this point is go ahead and</p> <p>9 announce the election results. Okay. Everybody on the</p> <p>10 edge of their seats for this one?</p> <p>11 RAB MEMBER: Nope.</p> <p>12 MS. PENDERGRASS: Okay. The process for -- the</p> <p>13 process for election -- electing a community co-chair</p> <p>14 happens once a year. The new chair serves from July to</p> <p>15 June 2004, July 2003 to Ju- -- June 2004. We have</p> <p>16 24 RAB members. We had 17 vote. We have a quorum</p> <p>17 today. The election shows that the most votes went to</p> <p>18 Lynne Brown, ten votes. So Lynne will be our new --</p> <p>19 (Applause.)</p> <p>20 MS. PENDERGRASS: And Lynne, did you want to</p> <p>21 say anything?</p> <p>22 MR. L. BROWN: Yes, I would.</p> <p>23 The first thing I would like to say is thank</p> <p>24 you for everybody who voted for me.</p> <p>25 And another thing I would like to --</p> <p>Page 77</p>	<p>1 through the rest of those really quickly and then move</p> <p>2 on to the rest, because they have the most on their</p> <p>3 agenda. All right?</p> <p>4 So let's start with the Technical Review.</p> <p>5 MS. LOIZOS: I don't know if I'll need a</p> <p>6 microphone. Okay.</p> <p>7 We met last -- We met on the 12th; and per</p> <p>8 everyone's request from the last RAB meeting, our first</p> <p>9 item of business was the fire that had happened on</p> <p>10 Parcel E on the 15th, [microphone off] and we -- hello?</p> <p>11 Okay. [Microphone on] Sorry. Okay.</p> <p>12 So everybody who was on site at the time was</p> <p>13 there, including the on-site foreman from Anchor Fence</p> <p>14 and his boss, and Arvind of I.T.S.I. was there.</p> <p>15 So he -- basically, the on-site foreman gave</p> <p>16 his story about what happened that day and explained</p> <p>17 pretty much what we had heard at the RAB meeting, that</p> <p>18 it was just completely unexpected. There was some weeds</p> <p>19 in the area that caught fire from a rolling BB, a molten</p> <p>20 BB.</p> <p>21 And so that's what caused the fire. He</p> <p>22 explained to us how it was put out. It's all in detail</p> <p>23 in the minutes.</p> <p>24 And everybody, especially Keith, who was the</p> <p>25 most concerned about it, was in agreement at the end of</p> <p>Page</p>
<p>1 MR. MASON: Stand up, stand up.</p> <p>2 MR. L. BROWN: Oh, come on.</p> <p>3 MR. TISDELL: If you're going to do it, do it</p> <p>4 right.</p> <p>5 MR. L. BROWN: The first thing I would like to</p> <p>6 do is invite Keith to bring the information up on the</p> <p>7 hill on a Saturday and we have a RAB meeting up there</p> <p>8 also.</p> <p>9 MR. FORMAN: Up on the hill on a Saturday?</p> <p>10 MR. L. BROWN: Yes. Any information, the RAB</p> <p>11 meeting too. Just -- That's just one idea I got</p> <p>12 from . . . [indicating].</p> <p>13 Okay. Thank you for voting for me now. Thank</p> <p>14 you.</p> <p>15 MS. RAB MEMBER: Boo.</p> <p>16 (Applause.)</p> <p>17 MS. PENDERGRASS: All right. Next we're ready</p> <p>18 to go into our subcommittee reports. Let's see. We've</p> <p>19 got quite a few today and --</p> <p>20 MR. FORMAN: Marsha?</p> <p>21 MS. PENDERGRASS: We have quite a few today.</p> <p>22 And so in the interest of time, since we have exactly</p> <p>23 twenty minutes, twenty-five minutes, to conclude our</p> <p>24 business tonight, what I'd like to do is save the Bylaws</p> <p>25 &amp; Membership Committee to last so that we could get</p> <p>Page 78</p>	<p>1 the meeting about what happened.</p> <p>2 And there's also -- you can see on the back of</p> <p>3 the minutes, there's the new work plan that Anchor came</p> <p>4 up with after the fire to ensure that another one didn't</p> <p>5 occur.</p> <p>6 And then we talked about groundwater issues</p> <p>7 that are known throughout the base, which I'm not going</p> <p>8 to get into right now because it's kind of lengthy, but</p> <p>9 I did as best a job I could to write it all out in the</p> <p>10 minutes.</p> <p>11 And if you want any handouts from that meeting,</p> <p>12 I didn't provide them today 'cause they are kind of</p> <p>13 extensive, but please let me know if you do.</p> <p>14 MS. PENDERGRASS: Lea, is there anything that</p> <p>15 this body needs to vote on in terms of your committee?</p> <p>16 MS. LOIZOS: No. And if I could make a very</p> <p>17 brief announcement, which is that as part of our</p> <p>18 window -- Community Window On the Shipyards Project, we</p> <p>19 have another workshop coming up this Monday. Hopefully,</p> <p>20 you all already got the e-mail, but we'll -- we'll be at</p> <p>21 that Milton Meyers auditorium at 6:30, 6:30 on Monday</p> <p>22 just to get people up to speed with what's going on with</p> <p>23 Parcel E and for the upcoming five-year review.</p> <p>24 So I do hope you can join us.</p> <p>25 Oh, and one more thing. We have our Web site</p> <p>Page 80</p>

1 up. So check it out. It's very exciting. Www -- I'll  
2 write it somewhere because it's long.  
3 MS. PENDERGRASS: Can you put it on this --?  
4 MS. LOIZOS: Yes. Okay. I'm done.  
5 MS. PENDERGRASS: Perfect. Thank you.  
6 All right. And you did Health Assessment  
7 Committee as well?  
8 MS. LOIZOS: Yeah, it was a combined meeting.  
9 MS. PENDERGRASS: Combined meeting.  
10 MS. LOIZOS: Shall I say when our next meeting  
11 is?  
12 MS. PENDERGRASS: Yes.  
13 MS. LOIZOS: Our next meeting is on Tuesday,  
14 the 15th, and we're kind of continuing with the  
15 groundwater discussion, but this time we will have the  
16 regulators there. Julie Menack of the Water Board has  
17 agreed to come, and hopefully Chein Kao can come, and  
18 maybe even someone from the EPA just to talk about the  
19 agencies' views of the groundwater issues.  
20 And I'm also going to schedule a second meeting  
21 this month. I'm hoping --  
22 MS. PENDERGRASS: What day is it?  
23 MS. LOIZOS: Oh. Sorry. What -- I said that,  
24 didn't I?  
25 MR. L. BROWN: Tuesday.

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1 MS. PENDERGRASS: The 15th. Yeah. Okay. I  
2 didn't hear it. Sorry.  
3 MS. LOIZOS: 15th, 6 o'clock, library.  
4 MS. PENDERGRASS: Okay.  
5 MS. LOIZOS: I'm also scheduling one for  
6 Monday, the 21st. I will send more information. It's  
7 going to be to do some document review, but I haven't  
8 decided the document yet. Okay.  
9 MS. PENDERGRASS: Excellent.  
10 All right. Radiological? Dr. Sumchai. Why  
11 don't we start off with when's the next meeting.  
12 MS. SUMCHAI: The next meeting is going to be  
13 on Wednesday, July the 23rd, from 6:00 to 8 p.m. at the  
14 Greenhouse, Third Street at Palou; and I will keep my  
15 comments very brief.  
16 I wanted to thank the people who attended. We  
17 had a very nice turnout. I wanted to acknowledge that  
18 Mr. Forman, Marty Offenhauer, and Mr. Brooks attended.  
19 We did have two people who I wanted to -- we  
20 had two people attend who I wanted to make you aware of.  
21 There's a very, very bright intern with the EPA's equal  
22 careers program. Her name is Shoshannah Bramlett.  
23 She's only 19 years old, and she is here to take on the  
24 humungous task of reviewing our Community Notification  
25 Plan.

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1 Remember way back in 2001 we produced a  
2 Community Notification Plan? We forgot all about it.  
3 There's been a terrorist attack on the nation.  
4 The city's disaster plan right now is been  
5 criticized by civil grand jury. So it may be time for  
6 us to look at the Community Notification Plan.  
7 But what Shoshannah wants to is to integrate  
8 the unified school district into our existing plan so  
9 that we can make sure that school kids are made aware if  
10 there's any major incident on the Shipyard, and I have  
11 given her my repository of documents from that  
12 committee's activities.  
13 The second person, Mr. Sam White, who is the  
14 new environmental justice program coordinator for the  
15 City and County of San Francisco, Mr. White's position  
16 in the department of the environment is significant  
17 because it represents a policy change. The city has  
18 acknowledged that people have a right to clean air and a  
19 clean environment and a clean place to live. And he has  
20 an extensive background in environmental studies. He  
21 also has a background in, let's see -- i- -- in  
22 nuclear -- well, he did some work i- -- in -- in nuclear  
23 areas.  
24 So let me just summarize two of the major  
25 to- -- take-home points that I came away from with the

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1 meeting, and those are the comments that Mr. Forman  
2 made.  
3 Mr. Forman said that of all the work that is  
4 being done on the HRA, it's important for us to  
5 recognize that it doesn't say how the Navy's going to  
6 clean it up, okay. We got all this information, but it  
7 really does not address that key question. So we have  
8 to kind of keep that in mind when we're, you know,  
9 adjusting our compass with regard to the direction of  
10 the cleanup.  
11 And then the second thing that Mr. Forman told  
12 us that was very reassuring is that the funding for the  
13 Shipyard cleanup is not threatened, not even by, you  
14 know, the war in Iraq, not even by the threats to other  
15 Superfund cleanups. So that's something that should be  
16 very reassuring to us all.  
17 So I encourage you all to attend the July 23rd  
18 meeting. I personally as a co-chair have been calling  
19 members who don't have an e-mail address to make sure  
20 that they are aware of the meetings. And I look forward  
21 to seeing you all on the 23rd, and I will send you a  
22 full account of the meeting minutes by electronic mail.  
23 MS. PENDERGRASS: Thank you.  
24 MS. LUTTON: It's at 6:00?  
25 MS. SUMCHAI: Yes.

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1 MS. PENDERGRASS: Mr. Campbell?  
2 MR. CAMPBELL: Okay. I'm going to try to make  
3 mine brief.  
4 The RAB Economic Committee report. We have  
5 more truckers certified -- thank you [taking  
6 microphone]. We have more truckers certified to do  
7 business with Foster Wheeler. And we also have a list  
8 of possible local subcontractors submitted to Chon Son  
9 to work on some of the new contracting business that's  
10 coming out.  
11 What we would like -- oh. We also submitted a  
12 list of subcontractors to do asbestos removal  
13 remediation work on to Chon, because you've got some  
14 things coming up in that arena.  
15 The Economic Committee would like to recommend  
16 a contractor-subcontractor database utilizing local  
17 resources, companies and organizations available to the  
18 prime contractors because the prime contractors say they  
19 don't have time to find people. They can't run an ad,  
20 and effectively they cut out the local community.  
21 Now, in March \$41 million was released. So  
22 basically zero going in the local -- the local  
23 community.  
24 So I think this is something that the Navy  
25 should look at, and maybe we can have a motion by the

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1 RAB to have this as a policy.  
2 (Pause.)  
3 MR. CAMPBELL: What is a policy?  
4 ATTENDEE: Yeah.  
5 MR. CAMPBELL: That the Navy can find some  
6 funding to have a local database. I think that will  
7 help.  
8 MR. ATTENDEE: [Inaudible.]  
9 MR. CAMPBELL: That will help in filling some  
10 of the task orders for some of the primes.  
11 MS. PENDERGRASS: Mr. Campbell, have you in --  
12 invited the Navy to your subcommittee?  
13 MR. CAMPBELL: Yes. Chon Son has been there  
14 several times, and so this has been an ongoing  
15 discussion.  
16 MR. FORMAN: Have you mentioned that to him?  
17 MR. CAMPBELL: Yes. We have mentioned it  
18 several times.  
19 MR. FORMAN: Okay.  
20 MR. CAMPBELL: We have been at this since  
21 December 5th, and we are trying to open up community  
22 business, because a lot of companies, a lot of primes,  
23 are doing business with companies outside of the local  
24 community. We'd like to see better relations, so to  
25 speak.

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1 MR. MANUEL: I have a question.  
2 MR. CAMPBELL: And the Economic Committee would  
3 also like to see a monthly report of all the -- all  
4 newly released scope-of-work contracts released with a  
5 percentage breakdown of local participate --  
6 participation cumulating in an orderly report.  
7 Now, we have had one of those, but we didn't  
8 get one for this month. We are expecting it on a  
9 quarterly basis.  
10 And I think I heard a question coming from over  
11 there?  
12 MR. MANUEL: Yes.  
13 MR. CAMPBELL: Sure, please.  
14 MR. MANUEL: I guess my question is kind of a  
15 compound again. Do -- do the --? Do you know of people  
16 that are qualified and that are interested in bidding or  
17 whatever on these jobs that are not being properly  
18 received or properly dealt with? Because if you do, I  
19 think what might be a good idea is to -- is to bring  
20 those people to the RAB.  
21 And I believe that being that we are community  
22 people here, we should be interested in -- in why they  
23 are not being accepted, if, in fact, they are meeting  
24 the criteria that -- that the government puts out to be  
25 able to contract.

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1 MR. CAMPBELL: Sure. As a matter of fact, we  
2 have been bringing them to the Economic Committee  
3 meetings. We have been working with Chon Son, who's a  
4 contract specialist. Chon -- We look at the truckers  
5 percentages. We know that those percentages are  
6 [inaudible] -- are -- are good.  
7 But when you look at the local subcontracting,  
8 the numbers are dismal. Chon admits it. We can see it,  
9 and that's what we are trying to change. We also have  
10 people that are qualified. So that's what we are trying  
11 to change.  
12 MS. PENDERGRASS: Okay. I -- I need to  
13 interrupt you for a minute because the -- the process  
14 for bringing on an issue to the RAB is that it's dealt  
15 with in terms of the discussion at the subcommittee  
16 level.  
17 MR. CAMPBELL: Right.  
18 MS. PENDERGRASS: When you bring a  
19 recommendation to -- or a motion to the RAB, do you have  
20 a formulated motion?  
21 MR. CAMPBELL: Yes. We have it --  
22 MS. PENDERGRASS: Then --  
23 MS. PENDERGRASS: -- in black and white for  
24 you.  
25 MS. PENDERGRASS: Okay. Then read the motion

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1 so we can --  
2 MR. L. BROWN: Right.  
3 MR. CAMPBELL: Okay. We'd like to have a  
4 motion to -- for the Navy to -- to have a Navy-funded  
5 project basically where they have a database available  
6 to the primes of local organizations that can contract  
7 to the primes, subcontractors. That's one.  
8 MS. PENDERGRASS: Okay. Let's just start with  
9 one.  
10 MR. CAMPBELL: Okay.  
11 MS. PENDERGRASS: And have one motion at a  
12 time.  
13 MR. CAMPBELL: Sure.  
14 MR. MASON: I second it.  
15 MS. PENDERGRASS: Okay. There's a second on  
16 the floor. Does everybody understand the motion?  
17 MR. MANUEL: I have a question.  
18 MS. PENDERGRASS: Is there a clarification on  
19 the motion?  
20 MR. MANUEL: Yes.  
21 MS. PENDERGRASS: Yes.  
22 MR. MANUEL: I guess I'd like to ask Keith, my  
23 understanding of -- of the government procedure for  
24 contracting, I'm not quite sure the Navy would be  
25 authorized to leapfrog over a process.

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1 MR. FORMAN: Exactly, yeah.  
2 MR. MANUEL: And I'm wondering about that,  
3 because I happen to know about the contract procedure.  
4 MR. CAMPBELL: I -- I think if you look at the  
5 Economic Subcommittee report, you'll see a series of  
6 e-mails that back up what we are talking about.  
7 We are not talking about the prime contracts.  
8 We are talking about subcontractors. And basically,  
9 the -- we have some 8-As which are working with the  
10 local community. We have some prime contractors that  
11 are attempting to work with the local community. We  
12 have some prime contractors that have been  
13 subcontracting out to the truckers.  
14 What we are trying to do is help them make it  
15 easy. And as some people say, they drive through the  
16 space, and they see one fence company, okay?  
17 MS. PENDERGRASS: But -- okay. It sounds to me  
18 like, though -- I mean, the -- the Navy doesn't have --  
19 if you subcon- -- if you're picking a prime, you  
20 don't -- you can't tell --  
21 MR. CAMPBELL: We are not picking a prime.  
22 MS. PENDERGRASS: No. But what I'm saying --  
23 MR. MANUEL: You can't --  
24 MS. PENDERGRASS: But you're asking the Navy to  
25 tell a prime who to select for their subs.

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1 MR. CAMPBELL: No. No.  
2 MS. PENDERGRASS: Okay. So --  
3 MR. CAMPBELL: My -- my purp- -- my -- By the  
4 Navy having a database, okay, by an 8-A or one of their  
5 primes, they can have three or four recommendations that  
6 somebody can do. Right now it's taking us an awful lot  
7 of time to do this manually. And this is something that  
8 we have discussed with the Navy. They thought it could  
9 be done.  
10 MR. FORMAN: Did Chon say it could be done?  
11 MR. CAMPBELL: Yes.  
12 MR. FORMAN: Is he doing it?  
13 MR. CAMPBELL: Well, that's why we are bringing  
14 it here as motion.  
15 MR. FORMAN: Okay. I just -- I had not heard  
16 of this. This is something Chon Son can do rather  
17 than -- I mean, I can ask him about it.  
18 MR. CAMPBELL: Well, it's a formal process that  
19 we are requesting a motion for the RAB, okay? We have  
20 got to deal with the economics somehow.  
21 MS. PENDERGRASS: In terms of who's going to  
22 pay to do it?  
23 MR. CAMPBELL: In terms of who's going to pay  
24 to do it and how do we change from 300 million --  
25 340 million being spent for cleanup and less than

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1 18 million for the local community.  
2 MS. PENDERGRASS: But -- but I'm -- I'm just  
3 trying to deal with the --  
4 MR. CAMPBELL: Well --  
5 MS. PENDERGRASS: -- concreteness of the  
6 motion, and the motion is to direct the Navy to do  
7 something. I mean, that's the motion, and I'm trying to  
8 make sure that the -- The clarification is: If we do a  
9 motion, it may just fall dead if there's nobody to --  
10 you know, that you have to pin it on somebody.  
11 MR. CAMPBELL: That's true.  
12 MS. PENDERGRASS: And so you're trying to pin  
13 it on the Navy is what I -- is what I -- I hear you  
14 saying.  
15 MR. CAMPBELL: We --  
16 MS. PENDERGRASS: And --  
17 MR. CAMPBELL: We have it in black and white  
18 here. And I mean, it also has substantial backup  
19 e-mails of -- of discussions what we're asking for and  
20 requesting formally as a motion for a -- a process to be  
21 put in place.  
22 MS. PENDERGRASS: Okay. But the Navy, I  
23 think -- Is the Navy the person -- or the -- the entity  
24 to put this process in place?  
25 So I guess that's -- that's what I'm saying to

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1 clarify the motion, because you've made a motion on the  
2 floor. The discussion is whether or not the Navy's the  
3 right entity --  
4 MR. CAMPBELL: The Navy is the right party.  
5 MS. PENDERGRASS: Okay. So at that point, we  
6 have had discussion on that.  
7 MR. CAMPBELL: That is correct.  
8 MS. PENDERGRASS: It's not -- it's not for me  
9 to say.  
10 MR. MANUEL: I have a question, just one short  
11 one. This lady has one. In fact, she's ahead of me, so  
12 take her, and then I'll go after her.  
13 MS. ASHER: Well, what would be wrong with just  
14 compiling a list of local talent in the community? I  
15 mean, what -- I mean, what possible problem could there  
16 be with that?  
17 MS. PENDERGRASS: But Ms. Asher --  
18 MS. ASHER: I'm asking you, Keith --  
19 MR. FORMAN: Oh.  
20 MS. ASHER: -- to know what resource is --  
21 MR. FORMAN: Yeah.  
22 MS. ASHER: -- here --  
23 MR. FORMAN: I don't know.  
24 MS. ASHER: -- in the community --  
25 MR. FORMAN: My --

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1 MS. ASHER: -- to draw from.  
2 MR. FORMAN: My understanding was that Chon Son  
3 at the Economic Development Committee meetings was  
4 working with you, Maurice --  
5 MR. CAMPBELL: That's correct.  
6 MR. FORMAN: -- and that you were supplying a  
7 list of subcontractors that had agreed to do that.  
8 MR. CAMPBELL: That's -- that's correct.  
9 And --  
10 MR. FORMAN: Okay.  
11 MR. CAMPBELL: And it really isn't a  
12 formalized -- This has been formalized in the past, but  
13 I'd like to see it formalized again. Okay?  
14 MR. FORMAN: Okay.  
15 MR. CAMPBELL: Your predecessor working with  
16 another organization had a formalized process.  
17 Now, it's dependent upon me being available,  
18 Jesse being available; and if something comes in on a  
19 Friday and there is a response on Monday and we are not  
20 available, it gets lost in the community.  
21 MS. PENDERGRASS: Oh, I see what you're saying.  
22 I'm trying to . . .  
23 All right. Well, there's a -- I'm sorry. Did  
24 you have an opinion on that that hasn't been discussed?  
25 MR. MANUEL: Yeah, very briefly. I -- I

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1 believe that so that the people that you're representing  
2 don't get unnecessarily their hopes up if in fact  
3 there's a legality problem here, what I would recommend  
4 is that the Na- -- I believe that the Navy has a  
5 requirement from Congress to have a arm's-length  
6 relationship with anybody that's going to be dealing  
7 with the government's money.  
8 And if that -- if there's some way that that's  
9 not the issue, what I would recommend is that you go  
10 find out hard and concrete that this can be done and  
11 then start a process and go ahead through with it.  
12 But it's -- if we vote for something and we  
13 get -- and when we make people feel like we are making a  
14 difference and we turn up like the bank teller fees,  
15 it's something way out of our hands; we can't do, no  
16 matter what.  
17 MR. CAMPBELL: I -- I understand -- I  
18 understand your concerns.  
19 MR. MANUEL: Yeah, that's --  
20 MR. CAMPBELL: What --  
21 MR. MANUEL: -- all I'm saying.  
22 MR. CAMPBELL: What a subcontractor needs is to  
23 be a -- sorry -- a prime needs is three or four  
24 contractors, subcontractors, that you can look at.  
25 MS. PENDERGRASS: I'm closing the discussion on

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1 this.  
2 MR. CAMPBELL: Thank you.  
3 MS. PENDERGRASS: We're going to vote at this  
4 point. We're voting on the motion -- again, the motion  
5 as you -- can you restate the motion, Mr. Campbell? And  
6 then we'll vote.  
7 MR. CAMPBELL: We're looking for the --  
8 MS. PENDERGRASS: Just restate the motion at  
9 this point.  
10 MR. CAMPBELL: Yeah.  
11 The motion is to have the Navy fund a database  
12 through either a prime or an 8-A to -- so they can have  
13 a database for local companies, local subcontractors, to  
14 be available to the primes.  
15 MS. PENDERGRASS: All right. All in favor of  
16 the motion as Maurice Campbell has stated, say, "Aye."  
17 THE BOARD: Aye.  
18 MS. PENDERGRASS: Okay. We have -- room count,  
19 please. Raise your hands, please. One, two, three,  
20 four, five, six, seven, eight, nine, ten, eleven,  
21 twelve.  
22 All opposed? Any abstentions on that? We have  
23 two abstentions, then.  
24 The ayes carry that, and that motion will be  
25 memorialized. All right?

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1 MR. CAMPBELL: Thank you.  
2 MS. PENDERGRASS: Okay.  
3 MR. CAMPBELL: There's one other --  
4 MS. PENDERGRASS: The second part of that, and  
5 if we can move that --  
6 MR. CAMPBELL: Yeah.  
7 MS. PENDERGRASS: -- along.  
8 MR. CAMPBELL: The Economic Committee would  
9 like to see a monthly report of all the -- all newly  
10 released scope-of-work contracts released with a  
11 percentage breakdown of local participation cumulating  
12 in a quarterly report. That's a motion.  
13 MS. PENDERGRASS: All right. Someone second  
14 that motion?  
15 MR. MASON: I second the motion.  
16 MS. PENDERGRASS: Second by Mr. Mason.  
17 Is there any short discussion on that motion?  
18 Mr. Manuel.  
19 MR. MANUEL: One brief question. I would like  
20 to ask Keith to provide the RAB perhaps at the next  
21 meeting with a finding that what we are doing is going  
22 to yield the desired result or to let us know that it's  
23 not so that we can -- we can either work with it or at  
24 least let people know what's been worked on.  
25 MR. FORMAN: Okay.

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1 MS. PENDERGRASS: But at this point, we're  
2 taking discussion on this motion. I think Mr. Manual  
3 what you're asking for is a action item which we can  
4 follow -- track and follow. But at this point, we are  
5 taking discussion on the motion regarding that -- the  
6 report.  
7 Yes.  
8 MR. MASON: Yes. Let me simply say that in a  
9 subcontract situation, so what we have doing is trying  
10 to make sure that the primes have an access of  
11 subcontractors.  
12 So what Chon Son and the Economic Committee has  
13 been working on is to make sure that the primes know  
14 that there's subcontractors out there in the community.  
15 So that's why we presented them on the list.  
16 But at the same time, you know, we know that  
17 certain subcontractors in the community need some  
18 technical assistance.  
19 MS. PENDERGRASS: Okay, but -- but Mr. Mason,  
20 Mr. Mason, right now we're talking about the motion,  
21 which is asking a monthly report of newly released scope  
22 of work that's cumulated quarterly.  
23 MR. MASON: And it's very important.  
24 MS. PENDERGRASS: I'm saying if your discussion  
25 is germane to that motion --

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1 MR. MASON: That's what we're going to do.  
2 It's very important that we have a monthly report about  
3 those -- those things that -- the subcontractors in  
4 general.  
5 MS. PENDERGRASS: The motion was to have this  
6 report cumulated and report -- and distributed  
7 quarterly.  
8 Is that the motion or monthly?  
9 MR. CAMPBELL: Monthly, a monthly report with a  
10 cumulative report quarterly. We have been given this  
11 information --  
12 MS. PENDERGRASS: I got it. Got it. Okay.  
13 I think let's close discussion on that at this  
14 point, and let's vote, please. All in favor of the  
15 motion as Mr. Campbell has stated it, say, "Aye."  
16 THE BOARD: Aye.  
17 MS. PENDERGRASS: Raise your hand.  
18 Okay. All opposed? Any abstentions on that?  
19 Two abstentions again.  
20 All right. The ayes have it on that.  
21 Now, again, Mr. Manual, you had an action item  
22 which is to now take these two motions and move them to  
23 the action item round to find out what's possible on  
24 that and whether or not it can be done --  
25 MR. RAB MEMBER: Right.

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1 MS. PENDERGRASS: -- which is directed to  
2 Mr. -- what's your name again?  
3 ATTENDEE: Forman.  
4 MS. PENDERGRASS: -- Forman. And --  
5 Mr. Forman.  
6 And we will at that point on the next agenda,  
7 our next agenda, follow up with that to see if that  
8 indeed can happen or whether or not.  
9 So you've all agreed that this is what you want  
10 to do. Now you've moved it into an action item that  
11 will track to see if it will get done.  
12 MR. MANUEL: Well --  
13 MS. PENDERGRASS: And does that make sense?  
14 MR. MANUEL: Well, what Mr. Mason said just a  
15 moment ago, I don't have any problem with that as far as  
16 people being notified that these people are available  
17 and that they are ready, willing, and able and blah,  
18 blah, blah.  
19 But that is not what I heard that initial  
20 motion on. I heard it was something more oriented  
21 toward a -- you know, a --  
22 MS. PENDERGRASS: A process?  
23 MR. MANUEL: -- a -- a process that involves a  
24 shoe -- a shoeing in of -- of persons into a position of  
25 employment, and that's --

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1 MS. PENDERGRASS: Okay. That I didn't -- I --  
2 I didn't hear that part. But I did hear that they  
3 wanted to compile the list. I didn't hear anything  
4 about the shoeing in. Now, that might be something that  
5 happens as a by-product of that, but that can be  
6 discussed off line in -- in the Economic --  
7 MR. MANUEL: Right.  
8 MS. PENDERGRASS: -- development Subcommittee.  
9 MR. MANUEL: Well, in other words, to answer  
10 what you are saying, I believe that it is -- probably  
11 would be -- be beneficial to the -- to the RAB at-large  
12 to know that whatever the bottom line is is that --  
13 that -- that's being suggested here can and should be  
14 done.  
15 And I believe that -- so that things don't just  
16 get lost in several meetings down the road, I believe it  
17 would be nice to, because he does seem to have --  
18 MR. CAMPBELL: Prompt you to attend the  
19 Economic meeting to find out how much has been lost.  
20 MR. MANUEL: Okay. Well, that's not what I'm  
21 saying. What I'm saying is --  
22 MR. CAMPBELL: That's what I'm saying.  
23 MR. MANUEL: Well, you need to not interrupt  
24 me. Okay. Thank you.  
25 What I'm saying, that Mr. Forman here seems to

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1 be a little amiss also as to what he can and can't do.  
2 And that's one of the reasons why I'm reacting this way.  
3 MS. PENDERGRASS: Okay.  
4 MR. MANUEL: It had nothing to do with you  
5 personally, so don't make it personal.  
6 MS. PENDERGRASS: All right. All right. But  
7 the -- the -- the process is to bring a motion from the  
8 subcommittee to the full RAB, have a short discussion on  
9 that, and then vote on whether or not you want to move  
10 it forward. At this point, those two motions have been  
11 moved forward. And --  
12 MR. MANUEL: Right.  
13 MS. PENDERGRASS: -- now Mr. Forman will talk  
14 about the process and all of that.  
15 Mr. Tisdell and Ms. Rines, are --? You all are  
16 next on the committee. Are you not making your report?  
17 MR. TISDELL: Yes. I need to, but I got a sick  
18 wife I got to go home to.  
19 MR. L. BROWN: Well, what about Melita?  
20 MR. TISDELL: She got . . .  
21 MS. PENDERGRASS: Excuse me, but we're -- we're  
22 clicking on the time here.  
23 So are we finished -- are you finished with  
24 your report, Mr. Campbell?  
25 MR. CAMPBELL: July 8th at 3 p.m. at the

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1 library.  
2 MS. PENDERGRASS: Library.  
3 MS. LUTTON: Is that at 3 p.m.?  
4 MR. CAMPBELL: Yes, that's correct.  
5 MR. MASON: And we invite all to attend.  
6 MS. PENDERGRASS: All right.  
7 MR. L. BROWN: Can I make . . . ?  
8 MS. PENDERGRASS: Go ahead.  
9 MR. L. BROWN: Yes. What's the guy's name?  
10 What your name again? You.  
11 MR. SHIN: My name's Harry.  
12 MR. L. BROWN: Harry, right. Harry has  
13 submitted -- submitted his application, and with that  
14 the Membership & Bylaws meeting we said he could come to  
15 the RAB and -- a main body and become a member. So if  
16 we want to vote on it now, we can.  
17 MS. PENDERGRASS: All right. So we need a  
18 motion.  
19 MR. L. BROWN: I'll make a motion that RAB --  
20 Harry becomes a member of the RAB.  
21 MR. CAMPBELL: I'd like to second that.  
22 MS. PENDERGRASS: Okay. That's second. We  
23 have -- is there any discussion on that?  
24 Yes, sir.  
25 MR. MANUEL: Is it possible that we can have

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1 somebody, either Harry or somebody else, tell us who  
2 Harry is, what's going on with Harry? So we don't vote  
3 for --  
4 MR. SHIN: I'm here.  
5 MR. MANUEL: I see you.  
6 MS. PENDERGRASS: Actually, this is a report  
7 that needs to come from the subcommittee that obviously  
8 has walk -- walked out.  
9 So Mr. Brown, can you explain what -- what  
10 category Harry is in and --?  
11 MR. L. BROWN: Harry, tell them your  
12 background.  
13 MS. PENDERGRASS: Thank you.  
14 MR. MANUEL: Give him the mic.  
15 MR. MASON: Just give him the mic.  
16 MR. SHIN: My background, my educational  
17 background, is: I have a B.S. in chemical engineering  
18 from U.C.-Berkeley, and I worked for about 20 years in  
19 environmental business, and the last six years I worked  
20 as a general contractor. We have a office here on Third  
21 Street, and that's my educational background.  
22 And I like to get involved with the local  
23 business that I'm serving, so -- and that's Hunters  
24 Point. About 30 years ago I first came here about  
25 '70 . . . '74, '75, as a high-school field trip. That's

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1 about the time the Navy was closing down. So this  
2 brings me old memories. So that's why I like to serve  
3 the community. Thank you.  
4 MS. PENDERGRASS: Thank you, Mr. Shin.  
5 All right. We have an open motion on the  
6 floor. It's been seconded to accept Mr. Shin as a full  
7 with -- all the rights and privileges of a RAB member.  
8 All in -- I'm sorry?  
9 MR. MANUEL: I was going to say, all --  
10 MS. PENDERGRASS: Okay. All in favor of that  
11 motion, say, "Aye."  
12 THE BOARD: Aye.  
13 MS. PENDERGRASS: All opposed? Okay. Any  
14 abstentions on that? Okay.  
15 MR. SHIN: Thank you.  
16 MS. PENDERGRASS: Come to the table. Welcome.  
17 (Applause.)  
18 MS. PENDERGRASS: Already. Just -- just  
19 briefly --  
20 MR. TISDELL: I do have something to say from  
21 the Membership & Bylaws.  
22 MS. PENDERGRASS: Excuse --  
23 MR. TISDELL: Now --  
24 MS. PENDERGRASS: -- me, Mr. Tisdell.  
25 MR. TISDELL: Excuse --

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1 MS. PENDERGRASS: The meeting -- the -- the  
2 meeting -- The -- the order of the meeting is: We sit  
3 at the table; we make our presentations in a timely way.  
4 If you're ready to make --  
5 MR. TISDELL: I made my presentation.  
6 MS. PENDERGRASS: Mr. Tisdell, you are out of  
7 order.  
8 MR. TISDELL: No. You're out of order. You're  
9 out of order, you know. But -- so -- okay. That's all  
10 right.  
11 MS. PENDERGRASS: Thank you.  
12 MR. TISDELL: Okay. Nothing. Nothing.  
13 MS. PENDERGRASS: All right. At this point --  
14 and since we don't have -- and let's -- At this point,  
15 we do have time if we would -- would like to have the  
16 additional subcommittee report from the Membership &  
17 Bylaws Committee, we do have a chair of that committee  
18 here.  
19 Would you like to make that -- make your  
20 report?  
21 MR. TISDELL: Yes. That would be there's a  
22 lift -- a list of members who have ran over their  
23 two-year extension. That's how come I was hoping to get  
24 way before now. And it -- it needs to be handled  
25 because they're -- you know, they're -- they're -- they

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1 expired on their two years. And so if we could have  
2 time at the next RAB meeting before the end of the  
3 meeting. . . .  
4 MS. PENDERGRASS: For those of you who are  
5 unfamiliar with this meeting process, every meeting we  
6 rotate the committee order.  
7 And Mr. Tisdell, your order has been first,  
8 second, and third. Today was your meeting to be fourth  
9 on that list. I'm sorry, but everybody wants to leave  
10 on time. So it's only fair that we allot the same  
11 amount of time for every subcommittee report.  
12 If you have a motion that you'd like to present  
13 to the RAB, I'd be more than happy to entertain it at  
14 this moment.  
15 MR. TOMPKINS: I have a question.  
16 MS. PENDERGRASS: Yes.  
17 MR. TOMPKINS: Keith, is there a form of those  
18 members on the back that can be submitted to the  
19 subcommittee?  
20 MR. TISDELL: All I need is fill out a  
21 application, and they can put on there; and when it goes  
22 to ask why you want to be a RAB member, an existing RAB  
23 member. And all we trying to do is just update address,  
24 telephone numbers, and -- and information.  
25 MR. TOMPKINS: Okay.

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1 MS. PENDERGRASS: So that will be distributed  
2 at the next meeting, or has this been distributed?  
3 MR. TISDELL: [Inaudible concurrent colloquy.]  
4 MS. PENDERGRASS: It's already distributed?  
5 MR. TISDELL: It's been distributed three  
6 meetings ago.  
7 MS. PENDERGRASS: All right.  
8 MR. TISDELL: We haven't had a chance to do it.  
9 MS. PENDERGRASS: Okay. Do you have a motion?  
10 MR. TISDELL: No. All the stuff is gone.  
11 MS. PENDERGRASS: Well, then, that motion will  
12 be tabled until the next RAB meeting.  
13 At this point, we usually -- and we're beyond  
14 our time by five minutes, but we usually open this for  
15 public comment if there's any questions from the public.  
16 At this time, do we have any such comments or questions?  
17 MR. DA COSTA: I'd like --  
18 MS. PENDERGRASS: Yes, sir. Mr. Da Costa.  
19 MR. DA COSTA: I suggest to the RAB members  
20 that after each item, the public should also be allowed  
21 to comment, because right now, after each agenda item,  
22 you give the comments only between the RAB members; and  
23 it's not right that those who are interested in the --  
24 in this process are left out.  
25 Regarding the gentleman who gave his report on

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1 the EPA, I have told the RAB members -- I had mentioned  
2 to the RAB members before there's something called a  
3 second opinion and even a third opinion.

4 And the gentleman stated that yes, some  
5 state-of-the-art equipment involved in this process of  
6 data collecting, and I think that's wrong. There's  
7 state-of-the-art equipment at Lawrence Livermore Lab,  
8 and I have experts who handle that type of equipment.  
9 So we need to look into a second opinion.

10 And as has been alluded in some of the  
11 discussions here, especially with the radiological  
12 discussions, we need to be very careful in collecting  
13 the right data and analyzing it and giving the  
14 information to the public.

15 I had spoken once before that Tetra Tech is  
16 taking a lead role in working with the community.

17 MS. ATTENDEE: Okay.

18 MR. DA COSTA: The community really needs to  
19 know what is happening, because what's happening now is:  
20 I've been attending a lot of meetings, and that's why  
21 I'm speaking to the RAB. And, in my opinion, the RAB  
22 has a vital role to play in advising the Navy what to  
23 do, and I've been attending a lot of meetings all over  
24 the city.

25 MS. ATTENDEE: So what?

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1 community benefits not only this community but the  
2 constituents of San Francisco. Thank you.

3 MS. PENDERGRASS: Mr. Da Costa, have you ever  
4 thought about becoming a RAB member?

5 MR. DA COSTA: At this juncture, I prefer to  
6 monitor it from a distance.

7 MS. PENDERGRASS: With those -- with those  
8 parting comments, thank you all --

9 MS. JACKSON: I do --

10 MS. PENDERGRASS: Ms. Jackson has a comment.

11 MS. JACKSON: I'm Mrs. Jackson. I'm  
12 Mrs. Jackson from All Hallows. And at the end of Navy  
13 Road, the Muwekma Indians, the Navy did something and  
14 tried to get that land declared, and you can't touch it.  
15 It's been in the paper. It's been there.

16 I respect you for saying that.

17 MR. DA COSTA: Thank you, Helen.

18 Number two, there was the Shoreview  
19 Environmental Justice that wrote a letter to the  
20 Supervisor Sophie Maxwell and asked was there a plan for  
21 after the 11th -- September 11, was there a plan for  
22 emergency.

23 She said there was no plan, but I see every  
24 organization in the city now is trying to do something,  
25 but they haven't come to Hunters Point yet.

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1 MR. DA COSTA: And there are certain elements  
2 that are trying to hoodwink the community and -- and try  
3 to do some development on the -- on -- on the Hunters  
4 Point.

5 And let -- let me make it very clear, I have  
6 been attending these meetings in the capacity as a  
7 representative of the first people of this area, the  
8 Muwekma Ohlone. We had two hills over here that were  
9 destroyed by the Navy. And I been paying very careful  
10 attention.

11 And the Muwekma Ohlone were federally  
12 recognized until 1927 and then illegally removed.  
13 Process is going on in court, and we are very carefully  
14 monitoring what's happening at the RAB, because way back  
15 in 1991 we exercised our right of first refusal. So in  
16 that capacity, I'm paying very careful attention.

17 And I would like to remind the RAB members  
18 300 years ago when everything was pristine over here,  
19 this land belonged to the Muwekma Ohlone, was stolen  
20 from them and --

21 MS. PENDERGRASS: Mr. Da Costa?

22 MR. DA COSTA: Yes. I think it's important  
23 that I say that because what we need to do and what the  
24 Muwekma Ohlone tribe requests the RAB to do is focus on  
25 the issues. Let's focus on the issues so that this

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1 So we only asked for water, and they didn't  
2 have it. So I -- I appreciate that who's ever working  
3 on it, keep working. We're still out here. We're  
4 struggling and we're going to keep struggling.

5 But I wanted to pay respect to this gentleman,  
6 which you probably don't know it, but it was a big  
7 write-up in the paper.

8 MR. L. BROWN: Right.

9 MS. PENDERGRASS: Well, thank you, Ms. Jackson.  
10 At this point, we are adjourned.

11 (Off record at 8:18 p.m., 6/26/03.)

12 ---oOo---

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CERTIFICATE OF REPORTER

I, CHRISTINE M. NICCOLI, Certified Shorthand Reporter of the State of California, do hereby certify that the foregoing meeting was reported by me stenographically to the best of my ability at the time and place aforementioned.


IN WITNESS WHEREOF I have hereunto set my hand this 26<sup>th</sup> day of August 2003.

Christine M. Niccoli  
CHRISTINE M. NICCOLI, C.S.R. NO. 4569

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Page 115

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**Hunters Point Shipyard  
HRA Update  
26 June 2003**

Laurie Lowman  
Director, Radiation Support Programs and  
Low-Level Radioactive Waste Disposal  
NAVSEADET RASO

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**Draft Final HRA Status**

- Now under internal Navy review
  - 31 May 2003 through 30 June 2003
- Public and agency review to begin August 2003
  - 30 day review period
  - Response to comments – October 2003

6/26/2003                      HPS                      2

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**HRA Archives**

- Information from archives reviewed and cataloged in database
- Additional archives recently identified at NAVSEASYS COM Headquarters
- RASO still working with NARA College Park to declassify records
  - Lengthy process
  - Involves multiple agencies

6/26/2003                      HPS                      3

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## HRA Database

- Database includes:

- 2,443 written documents
  - Documents vary in length from 1 to 900 pages
  - All documents scanned as pdf files
- 753 maps
- 174 interview summaries
- Total: 3370 records in database

6/26/2003

HPS

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## Interview Status

- 207 responses to advertisement
  - 162 potential interviewees
  - 148 respondents successfully contacted
- 29 respondents selected for in-depth interviews
  - 20 face-to-face interviews completed by 23 May 2003
  - 9 to be completed
- 35 additional potential interviewees identified through interview process and by RAB
  - To be contacted in July 2003

6/26/2003

HPS

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## Findings of the HRA

- G-RAM use authorized by 21 AEC licenses
  - 109 radioisotopes used
  - 33 radioisotopes remain potential concern today
  - Ra-226 not covered by AEC licenses
- Impacted Sites
  - 84 out of 653 HPS sites
    - 1 site off-base
- Residual contamination
  - No contamination identified as a concern to groundwater or atmosphere
  - No immediate actions recommended

6/26/2003

HPS

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## New Sites Identified by HRA

- Parcel B
  - Building 142
    - Sample storage
    - Sample counting room
  - Building 145
    - Sewer Pump House
  - Building 146
    - Previously identified as impacted
    - Determined to be turn-in location for radioluminescent devices

6/26/2003

HPS

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## New Sites in Parcel B (cont.)

- Building 157
  - Shipyard NDT Laboratory
- Building 160
  - Sewer Pump Station
- Berth 62
  - Used by USS GASCONADE

6/26/2003

HPS

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## New Sites Identified by HRA

- Parcel C
  - Building 203
    - Power Plant
    - Fuel from OPERATION CROSSROADS ships burned

6/26/2003

HPS

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## New Sites Identified by HRA

- **Parcel D**
  - Building 408
    - Smelter
  - Building 500
    - NRDL Offices
  - Building 503
    - NRDL Laundry
  - Building 505
    - NRDL Annex

6/26/2003

HPS

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## New Sites Identified by HRA

- **Parcel E**
  - Building 521
    - Power Plant
    - Fuel from OPERATION CROSSROADS ships burned
  - Building 707B Site
    - Animal Colonies
  - Building 707C Site
    - Equipment Issue and Receiving Area (for nuclear weapons test support and experimentation)
  - Building 719 Site (S-719)
    - Incinerator used by NRDL
  - Building 807
    - Scrap yard processing shed

6/26/2003

HPS

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## New Sites Identified by HRA

- **Off-Base Property**
  - Islais Creek Warehouse 418
    - Used by NRDL for storage under AEC Broad Scope License
    - Surveyed by AEC in 1970 when license was terminated

6/26/2003

HPS

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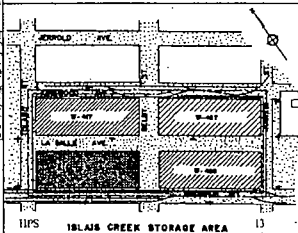
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## Islais Creek Warehouse 418

6/26/2003
HPS
ISLAIS CREEK STORAGE AREA

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## HRA Timeline

- HRA is "on-schedule"
  - June 03
    - Draft Final HRA under internal Navy review
  - July 03
    - Complete in-depth interviews
    - Review additional NAVSEA archives
    - HRA team incorporates comments from Navy reviewers
  - August 03
    - Distribute Draft Final HRA to Regulators and Public

6/26/2003
HPS
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## Questions from May RAB

- What is the criteria used to select personnel for in-depth interviews?
- How long were the USS INDEPENDENCE, USS GASCONADE and USS CRITTENDEN at HPS?
- How did OPERATION HARDTACK impact HPS?

6/26/2003
HPS
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## In-depth Interviews

- All telephone screenings reviewed to determine interviewees with most comprehensive first-hand knowledge of radiological operations
- Effort made to get a good cross-section of job types and timeframes
- Consensus selection made by 3 HRA Team members

6/26/2003

HPS

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## Operation Crossroads Ships at HPS

- **USS CRITTENDEN**
  - Arrived HPS January 1947
  - Sunk off Southern California coast October 1948
- **USS GASCONADE**
  - Arrived HPS January 1947
  - Sunk off Southern California coast July 1948
- **USS INDEPENDENCE**
  - Arrived HPS June 1947
  - Sunk off San Francisco coast January 1951

6/26/2003

HPS

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## OPERATION HARDTACK

- NRDL participated in all atomic tests
  - Hardtack 1 included 35 tests at Pacific Proving Grounds in 1958
  - Hardtack 2 included 35 tests at Nevada Test Site in 1958
  - Established fallout collection stations
  - Obtained data by use of survey instruments and small animals
- Used 3 destroyers as targets in the Pacific
  - 2 towed to Pearl Harbor
  - 1 towed to San Francisco (USS KILLEN)
    - Later sunk off Vieques, Puerto Rico

6/26/2003

HPS

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## Ongoing Site Work

- **Building 366**
  - Class I survey completed
  - Investigation report being prepared
- **Building 253**
  - Contamination found throughout the building
  - Radiological removal actions are being studied

6/26/2003

HPS

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## Upcoming Site Work

- **Building 146**
  - Previous only Class III survey (20%) completed
  - Requires Class I survey (100%)
- **Trailer L-20**
  - Unknown use
  - Found on-site with AEC markings
  - Requires survey
- **Buildings 203 and 521**
  - Power Plants where fuel from OPERATION CROSSROADS ships was burned

6/26/2003

HPS

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## Upcoming Site Work (Cont)

- **Radium Dial Disposal Area (IR-02NW)**
  - Plans being formulated for characterization and remediation
- **Former "500 Building" Sites**
  - Plans being formulated for complete investigation of sites and associated outside areas and piping
  - Assessment of underground isotope storage vault

6/26/2003

HPS

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NAUSEA  
NATIONAL ACADEMY OF SCIENCES

# Questions/Discussion

6/26/2003

HPS

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**HPS Membership & Bylaws Subcommittee Meeting Notes**  
**Meeting Minutes for 10 June 2003, 6-8pm**  
**San Francisco Public Library, Anna E. Waden Branch**

*Note\*\* These minutes are not verbatim but through summarization reflect the issues and statements made during the meeting. These notes were taken by Melita Rines.*

The Subcommittee meeting was called to order by Keith Tisdell, RAB member and Subcommittee Leader, at 6:15pm. Additional RAB members in attendance at the meeting were Kevyn Lutton and Melita Rines. Topics on the agenda: (1) Subcommittee elections (2) Contacting potential new members (3) RAB Member changes/lack of contact.

**Agenda Item 1)** The Subcommittee discussed that at the next Membership and Bylaws (July) meeting there will be the election of a Subcommittee leader. This had been discussed and approved in a prior Membership & Bylaws meeting. The purpose of the election is to allow other RAB members a chance to lead a committee. This is to be put in place by all Subcommittees. The initial idea was to have all elections for all Subcommittee leaders in the same month as the RAB Community Co-Chair Elections as a way in which to create a 'fresh start' for all members. All RAB members that wish to vote for a new Subcommittee leader must attend the Membership and Bylaws meeting.

- *Motion to the RAB – Accept the proposal of election of all Subcommittee leaders on an annual basis in or within one month of the RAB Community co-chair election.*

**Agenda Item 2)** The Subcommittee also discussed the issue of lack of contact by potential RAB members. Mr. Harry Shin is to be contacted again by phone and by fax. He has not attended a full RAB meeting yet in order for us to vote him onto the board. It was proposed that the RAB member that solicited his application make an attempt to contact him. The same is to be done for Ching H. Tso. She has not had any contact since she filled in her application.

- *Motion to the RAB – Request for any RAB Member with contacts to solicit Asian American membership applications along with the Muwekma Ohlone Indian tribe.*

**Agenda Item 3)** The Subcommittee acknowledged the stepping down from the RAB Board of member James Morrison. In addition there has been no contact with member Jim Rodriguez. It was determined that we would make some more attempts to contact him.

The next Membership & Bylaws meeting will be held July 8<sup>th</sup> 6-8 pm at the Anna Waden Library. We will be holding the elections for a Subcommittee leader. All those members who would like to participate please be present. We will also be reviewing new membership applications.

The meeting adjourned at 6:40 p.m.

Technical and Risk Review Subcommittee Meeting  
June 12, 2003

Attendees: Arvind Acharya (ITSI), Ryan Ahlersmeyer (Navy), Michael Boggs (Anchor Fence), Pat Brooks (Navy), Keith Forman (Navy), Lea Loizos, Kevyn Lutton, Jesse Mason, Ulysses Montgomery, Paul Tiggemann (Anchor Fence), Keith Tisdell, Marcel Twizeye

**Topics Covered:**

**I. Parcel E Fire on 5/15/03**

Due to concerns raised by community members at the May RAB meeting, representatives from Anchor Fence came to discuss the details of the fire that occurred on the morning of Thursday, May 15, 2003 at the intersection of I Street, Crisp Ave, and Spear Street. Michael Boggs, the on-site foreman for Anchor Fence, went over the events leading up to, during and after the fire.

Anchor Fence has a contract with the Navy to build fences throughout the Shipyard. The fence that was in construction when the fire occurred is at the eastern boundary line of the railroad museum on Parcel E. They were contracted to remove the old existing fence before putting in a new one. The method they chose was to torch the old posts, as they were old and rusted and cemented into the ground. The fence is located in an asphalt-covered area where weeds have grown up along the fence line. As a precautionary measure, a 5-foot area was cleared around the posts before the work began. During the cutting of the third post, a molten piece of metal rolled to a weedy area and started a fire. The on-site workers tried to extinguish the fire unsuccessfully with two extinguishers. Mr. Boggs then drove to the HPS fire department and found no one, so he then went to ITSI where he got another extinguisher and several 5-gallon jugs of water.

When he returned to the site, the City fire trucks arrived and hosed down the fire until it was extinguished, which required filling up the truck 2 times. The total area burned was approximately 12 feet by 40 feet, according to the Navy and Anchor Fence. The HPS fire department also reported to the site, after the City, but did not enter the site. As part of procedure, Medic 17 also reported to the site but did not enter, which explains the ambulance that was seen by several community members.

Due to the fire, work on the fence temporarily stopped. A meeting was held with the Navy, ITSI and Anchor Fence to compose a plan to prevent future

fires, which included prohibiting hot work on the Jase and having a 500 -gallon water Juffalo on site at all times (see attached.) The fence work is now complete.

Jesse Mason pointed out that during a meeting Jetween ITSI and Anchor o n the morning of the fire the contractors agreed that if it was too windy, work should stop due to the risk of fire. The on-site foreman admitted that the meeting had in fact happened Jut that he made a judgment call to allow work to continue and underestimated the wind at the time of the fire.

## II. Basewide Groundwater Issues

Project managers Pat Brooks and Ryan Ahlersmeyer came to discuss the Navy's priorities for groundwater (GW) cleanup and monitoring at Parcels B, C, and E.

Known GW concerns at Parcel B:

- Trichloroethene (TCE) plume Jeneath Bldg 123. The Navy is planning to do a treataJility study using zero -valent iron to decrease the concentrations of TCE and it's Jy -products from the GW. This is the same technique that is Jeing tested at Bldg 272 on Parcel C. The Navy has Jeen conducting a treataJility study to remove the TCE from the soil at Bldg 123 using soil vapor extraction (SVE.) The TCE in the soil is considered to Je the source of the TCE in the groundwater and must Je removed in order for groundw ater cleanup to Je effective (otherwise, the soil would continually leach TCE into the groundwater).
- Mercury at IR-26, the old scale house. A remedial action for mercury was conducted at IR-26 as part of the Record of Decision, Jut there are still low-levels of mercury found occasionally in the GW so the Navy is considering doing more work in that area.
- Arsenic at IR-07

Known GW concerns at Parcel C:

- Remedial Unit C1 (RU-C1) is a complicated plume that spans the area of Parcel C Jetween Berth 3 and Dry Dock 2. The contaminants found include tetrachloroethene (PCE), TCE, dichloroethene, and vinyl chloride. According to the Navy, this area is next in line for a treataJility study.
- RU-C2 is a smaller plume Jeneath Juildings 258 (pickling and degreasing area), 251 (sump and dip tank area) and 252. The contaminants of concern are the same as at RU-C1: PCE, TCE,



dichloroethene, and vinyl chloride. The plume is being monitored but there is no plan yet for the cleanup.

- RU-C4 is the plume of TCE and its by-products found in the GW beneath Jldg 272. The zero-valent iron treatability study was performed in this area. During the study, concentrations decreased from 50,000 micrograms per liter to 500 in 12 weeks, which is an incredibly fast rate. The Navy plans to return to the area this summer to see if they can reduce the remainder of the plume. Concerns were raised by RAB members present about the levels of iron left in the GW as a result of the treatment.
- RU-C5 is a TCE plume beneath the dip tank (IR -25) on Parcel C. The Navy hopes to dig out the sump and then stimulate the natural degradation of the TCE using lactic acid. Over time, with the help of organisms living in the soil, TCE eventually degrades into non-toxic compounds - ethane and ethene. Because the plume already appears to be degrading, the Navy is looking into ways they can increase the natural degradation. Concerns were raised by RAB members present about the length of time it would take for natural degradation considering the depth of the plume.

#### Known GW concerns at Parcel E:

According to the Navy's data, there are fewer groundwater concerns at Parcel E than at Parcel C. One of the main contaminants of concern is ammonia, which is often found in areas where decomposition is occurring. The Navy is considering "phytoremediation" in this area, which would involve planting trees around the sheet pile wall to absorb the groundwater and prevent it from entering the Bay.

\*\*Contact Lea Loizos for copies of the handouts provided by the Navy at the meeting at 415-495-1786 or [lealoizos@mindspring.com](mailto:lealoizos@mindspring.com)

**Anchor Fence Co., Inc.**

1015 East Market Street  
Daly City, CA 94014  
PH# 650-588-5000  
FAX# 650-588-5789

Innovative Technical Solutions, Inc.  
2730 Shadelands Drive  
Suite 100  
Walnut Creek, CA 94598

May 20, 2003

Attention: Arvind Acharya

Subject: Purchase Order No. 021250501  
Safety Corrective Action Plan

Dear Mr. Acharya,

As you know, on May 15, 2003, Anchor Fence Co., Inc. was involved in an incident. A fire was started in some weeds along a fence line as we were removing posts per our work under the referenced purchase order. Details of the incident have been previously addressed in a report from our on-site foreman. In reviewing the situation, Anchor Fence Co., Inc. has compiled a plan to avoid this in the future:

1. All hot work will cease immediately. Cutting torches and any spark producing tools (grinders, chop saws) will no longer be used on this site.
2. Portable band saws shall be used to cut off the remaining old posts to within 2" of grade. Any posts outside an area 12" on either side of the new fence line shall be cut off with the portable band saw and pounded flat to avoid a trip hazard.
3. High weeds will be cleared away on either side of the fence line to allow access with our equipment. This area will also be wetted down before we drive our vehicles along the fence line.
4. Anchor Fence Co., Inc. will have a water buffalo (tow-able water tank) on site for the remainder of the work.
5. The on-site foreman shall have a cell phone with capability to call 911.

Anchor Fence Co., Inc. has been doing work in the San Francisco Bay area for over 80 years and constantly works at maintaining a safe work site. Until this situation our record on this site has been incident free. We are 95% complete with our work under this contract and ask that we be allowed to finish. We also hope this one incident does not jeopardize any future work with your company and the US government.

Sincerely,  
Anchor Fence Co., Inc.

Dan Nienow  
Manager

## **RAB Economic Committee Report**

**More truckers certified to do business with Foster Wheeler**

**A list of possible local Sub Contractors submitted to Chon Son**

**List of local Sub Contractors submitted to do asbestos removal/remediation**

**The Economic Committee would like to recommend a contractor/subcontractor data base**

**Utilizing local resources (companies and organizations), available to the prime contractors to insure local participation in the remediation process. This should be a Navy funded project. E.g. Primes complain they can't find local companies or it takes them away from their primary task, remediation.**

**The Economic Committee would like to see a monthly report of all newly released scope of work/contracts released with a percentage break down of local participation. Cumulating in a quarterly report.**

## MEC

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From: Son, Chon S (EFDSW) [SonCS@efds.w.navy.mil]  
Sent: Thursday, June 26, 2003 2:35 PM  
To: 'mecsoft@pacbell.net'  
Subject: Have a Productive RAB Meeting

Importance: High

Maurice,

I did a site visit yesterday for the 'gravel road and sedimentation basin construction' project and also on the 7-building asbestos removal project.

I again emphasized to the three 8(a) EMAC contractors how important it is for them to consider FIRST the local businesses that Jesse had emailed me. I told them that their proposal to me must include a detailed subcontracting and procurement plan.

The asbestos project has put on hold this morning, because we realized during the site visit yesterday that the Navy scope was very inadequately prepared. We will prepare a better scope and formally request proposals from the three 8(a) firms sometime after the July 4 weekend. I will keep you informed.

Have a fun and productive RAB meeting tonight. Say 'hi' to Jesse for me, please.

Chon S. Son  
Contract Specialist, Code 06CH.CS  
BRAC Operations  
SWD NAVFACENGCOM  
(619) 532-0978 phone  
(619) 532-0995 fax  
SonCS@efds.w.navy.mil

P.S. I had a call from EEC's Ron Batiste this afternoon. I informed him that I have been communicating through you and Jesse on any contracting opportunities at HPS and that he could receive timely info if he contacted you/Jesse.

## MEC

From: Jesse Mason [jmason147@hotmail.com]  
Sent: Thursday, June 26, 2003 3:40 PM  
To: mecsoft@pacbell.net; SonCS@efdswnavfac.navy.mil  
Cc: l\_brown123@yahoo.com; humanres@busdevelopinc.com  
Subject: RE: Another Trucking Company is on Board

Good Afternoon Chon, Jesse Mason here, actually i tried to email you this morning with this list of contractors, my computer somehow would not send. Here we go again.

1. E&J Environmental
2. Doliver Construction 822-8117
3. Let's Get Busy Construction 641-8156
4. M.H. Construction 822-8828
5. Seto's Construction 822-6908
6. Business Development Const. 671-2150
7. TSM Construction 822-1555
8. E&G Construction 330-3388
9. Lou Guidry, Cement Contractor, 585-4524
10. KCK Builders (formerly part of LTM Construction Developerd) 559-9312
11. Barri Electric 468-6477
12. Jerry Higgins Construction, Chon this contractor has lived and worked in this community, sorry i have find his business card with his phone/address
13. Remediation Services, Inc. 468-SOIL
14. Environmental Construction Services, (510)530-2480, has just relocated into the BVHP Community  
Contact Ronald Batiste
16. Yerba Buena Engineering Const. contact Miquel 4672339
17. Twegbe Inc. environmental services; lead asbestos/contact Sorbor Twegbe (415) 285-3522

>From: "MEC" <mecsoft@pacbell.net>  
>To: "'Son, Chon S \ (EFDSW\)' " <SonCS@efdswnavfac.navy.mil>  
>CC: "'Jessie Mason'" <jmason147@hotmail.com>,"'Lynne Brown'"  
><l\_brown123@yahoo.com>,"'Business Development, Inc. \ (BDI\)' "  
><humanres@busdevelopinc.com>  
>Subject: RE: Another Trucking Company is on Board  
>Date: Thu, 19 Jun 2003 07:23:22 -0700

>  
>Good Morning Chon;  
>Thanks for the update, I will put another call into Jesse shortly.  
>Thanks Maurice

>  
>-----Original Message-----

>From: Son, Chon S (EFDSW) [mailto:SonCS@efdswnavfac.navy.mil]  
>Sent: Thursday, June 19, 2003 7:17 AM  
>To: 'MEC'  
>Subject: RE: Another Trucking Company is on Board  
>Importance: High

>  
>Good Morning, Maurice!

>  
>There was no fax/email from Jessie so far. Could you please get the  
>information to me? Thanks.

>  
>Chon S. Son

>  
>-----Original Message-----

>From: MEC [mailto:mecsoft@pacbell.net]  
>Sent: Wednesday, June 18, 2003 9:47 AM  
>To: Son, Chon S (EFDSW)  
>Subject: RE: Another Trucking Company is on Board

>  
>  
>Hi Chon;  
>Jessie said it was faxed last week Friday to you, he is going to email  
>the list to you within the hour. Thank You  
>Maurice  
>  
>-----Original Message-----  
>From: Son, Chon S (EFDSW) [mailto:SonCS@efdswnavfac.navy.mil]  
>Sent: Wednesday, June 18, 2003 9:39 AM  
>To: 'MEC'  
>Subject: RE: Another Trucking Company is on Board  
>Importance: High  
>  
>Can you email me the companies' names and phone numbers that you left  
>in a voicemail to me last week? The recording quality was very poor,  
>and I could  
>not make out the names or phone numbers. I would like to convey the  
>names/phone #s to the 8(a) EMAC contractors at the site visit on 25 Jun  
>03.  
>Thanks.  
>  
>Chon S. Son  
>  
>-----Original Message-----  
>From: MEC [mailto:mecsoft@pacbell.net]  
>Sent: Wednesday, June 18, 2003 9:30 AM  
>To: Son, Chon S (EFDSW)  
>Subject: RE: Another Trucking Company is on Board  
>  
>  
>Hi Chon;  
>Thanks for the update, has anything happened on the contracting or sub  
>contracting side of the Ship Yard operation? Thanks  
>Maurice  
>  
>-----Original Message-----  
>From: Son, Chon S (EFDSW) [mailto:SonCS@efdswnavfac.navy.mil]  
>Sent: Wednesday, June 18, 2003 7:48 AM  
>To: 'mecsoft@pacbell.net'  
>Subject: Another Trucking Company is on Board  
>Importance: High  
>  
>Good Morning, Maurice.  
>  
>Foster Wheeler just qualified another local trucking firm. The firm is  
>D&W Trucking, and its contact info is as follows:  
>  
>D&W TRUCKING  
>Owner: George Drake  
>2868 BUSH STREET  
>SAN FRANCISCO, CA 94115  
>Phone: ( 415 ) 508-0204  
>Fax: ( 415 ) 508-0241  
>  
>Maybe this could be included in your Economic Subcommittee report for  
>June 03. Thanks.  
>  
>Chon S. Son  
>Contract Specialist, Code 06CH.CS  
>BRAC Operations  
>SWD NAVFACENGCOM  
>(619) 532-0978 phone  
>(619) 532-0995 fax  
>SonCS@efdswnavfac.navy.mil  
>  
>

# **HUNTERS POINT SHIPYARD MONTHLY PROGRESS REPORT**

**MAY 2003**

This monthly progress report (MPR) summarizes environmental restoration activities conducted by the Navy at Hunters Point Shipyard (HPS) during May 2003. This MPR is prepared in accordance with the HPS Federal Facility Agreement, Section 6.6. The MPR is presented in three sections: Section 1, Parcel Updates, summarizes key activities at each parcel completed during the past month and planned for the upcoming 2 months; Section 2, Schedule, identifies submittals, meetings, and field activities completed during the past month and planned for the upcoming 2 months; Section 3, Other, is intended for special announcements, changes in personnel, basewide issues, or other topics not included in Sections 1 or 2.

## **1.0 PARCEL UPDATES**

### **PARCEL B MAY 2003 ACTIVITIES**

- Prepared and submitted final 2002 annual groundwater monitoring report with responses to comments (RTC).
- Prepared and submitted draft January – March 2003 quarterly groundwater monitoring report.
- Continued preparation of risk management review (RMR) summary report.
- Continued preparation of five-year review document, including performing a site inspection and conducting interviews.
- Conducted sampling for Parcel B shoreline data gaps.
- Conducted April – June 2003 quarterly groundwater sampling.

### **PARCEL B JUNE 2003 – JULY 2003 ACTIVITIES**

- Prepare and submit five-year review document (to include brief update on basewide issues).
- Meet with regulatory agencies to discuss comments on draft construction summary report.
- Prepare and submit draft workplan for Ferox injection treatability study at Building 123 (study also to include follow-on work at Parcel C, Building 272).
- Prepare and submit RTCs for the groundwater evaluation technical memorandum.

- Prepare and submit final January – March 2003 quarterly groundwater monitoring report (pending receipt/resolution of agency comments).
- Prepare draft April – June 2003 quarterly groundwater monitoring report.
- Complete sampling for Parcel B shoreline data gaps and begin preparation of technical memorandum.
- Continue preparation of the RMR summary report.

#### **PARCEL C MAY 2003 ACTIVITIES**

- Continued human health risk assessment (HHRA) work in support of the RMR process and the draft Parcel C revised feasibility study (FS).
- Continued preparing confirmation sampling workplan for the Phase II soil vapor extraction (SVE) treatability study at volatile organic contaminant (VOC) areas (study also includes portions of Parcels B and E).
- Continued radiation screening surveys and radiation removal action at Building 253.
- Continued preparation of workplan for sequential anaerobic/aerobic bioremediation treatability study in Building 134.
- Continued waste consolidation work.

#### **PARCEL C JUNE 2003 – JULY 2003 ACTIVITIES**

- Prepare and submit cost and performance evaluation for Ferox injection technology demonstration at Building 272.
- Prepare and submit draft workplan for follow-on Ferox injection treatability study at Building 272 (study also to include work at Parcel B, Building 123).
- Submit draft workplan for sequential anaerobic/aerobic bioremediation treatability study in Building 134.
- Prepare final report with RTCs for Phase III Groundwater Data Gaps Investigation (GDGI) activities at Parcel C (pending receipt/resolution of agency comments).
- Continue HHRA work in support of the RMR process and the draft Parcel C revised FS.
- Continue data evaluation and confirmation sampling workplan preparation for Phase II SVE treatability study at VOC areas.



- Continue radiation screening surveys and radiation removal action activities at Building 253.
- Continue waste consolidation work.

#### **PARCEL D MAY 2003 ACTIVITIES**

- Continued HHRA work in support of the RMR process and the draft final Parcel D revised FS.
- Continued radiation screening surveys at Building 366.
- Continued waste consolidation work.

#### **PARCEL D JUNE 2003 – JULY 2003 ACTIVITIES**

- Complete waste consolidation work. Prepare and submit draft Parcel D waste consolidation post-construction report.
- Prepare responses to comments on draft Parcel D revised FS.
- Continue HHRA work in support of the RMR process and the draft final Parcel D revised FS. Begin data evaluation related to RMR process.
- Continue radiation screening surveys.

#### **PARCEL E MAY 2003 ACTIVITIES**

- Prepared and submitted draft reports for landfill gas characterization, landfill extent, and wetlands delineation.
- Prepared and submitted landfill groundwater extraction system discharge report.
- Prepared and submitted report for Phase III GDGI activities at Parcel E (including radiological data).
- Completed field work for non-standard data gaps investigation and monthly monitoring of the landfill gas extraction system.
- Continued preparing confirmation sampling workplan for Phase II SVE treatability study at Building 406 (limited field activities in Parcel E).
- Continued radiation screening surveys.
- Continued waste consolidation work.

Activities Planned	Date
Submit RTCs for draft Parcel E landfill gas characterization report*	July 31, 2003
Submit RTCs for draft Parcel E landfill extent report*	July 31, 2003
Submit RTCs for draft Parcel E wetlands delineation report*	July 31, 2003
Submit RTCs for Parcel B groundwater evaluation technical memorandum	July 2003
Submit draft Parcel E landfill liquefaction potential report	July 2003
Submit draft workplan for sequential anaerobic/aerobic biological treatability study at Building 134	July 2003
Submit draft workplan for follow-on Ferox injection treatability study at Buildings 123 and 272	July 2003
Submit draft workplan for phyto-groundwater extraction treatability study at Parcel E industrial landfill	July 2003

Note:

- \* Document submittal pending receipt and/or resolution of BCT comments

## 2.0 OTHER

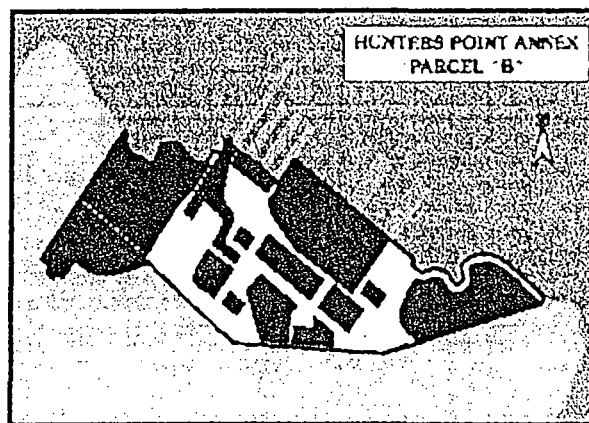
- The Navy submitted RTCs for the draft historic radiological assessment (HRA), Volume II, on March 7, 2003. The Navy is completing additional research and performed interviews with former workers in support of the draft final HRA, which is planned for submittal in August 2003.
- The Navy submitted the draft base realignment and closure (BRAC) business plan on April 2, 2003. The final BRAC business plan is scheduled for submittal in August 2003, pending resolution of BCT comments.
- A preliminary summary of the community relations plan (CRP) interview results was submitted on May 15, 2003. The draft CRP is planned for submittal on June 6, 2003.
- The Navy is preparing a basewide groundwater monitoring plan that is planned for submittal in August 2003. A document scoping meeting is scheduled for June 10, 2003.

# Community Workshop

## How Would You Rate the Navy's Cleanup of Parcel B of the Hunters Point Shipyard So Far?

In 1997, the Navy and EPA signed an agreement governing the toxic cleanup of Parcel B of the Hunters Point Shipyard. The Superfund law requires a review of their performance after five years, and gives you an opportunity to voice your opinion.

**This is your chance to voice your opinion about the cleanup of the Shipyard and Parcel B. To find out more about the 5-year review process and what the Navy's been up to, join us at a community workshop:**



**Monday, June 30th 6:30pm - 8:30pm**  
**Milton Meyers Auditorium**  
**195 Kiska Rd. (at Ingalls)**  
**San Francisco, CA 94124**  
(Refreshments will be provided)

**Now's your chance!! Your opinion matters!**

For more information on this event, please call Arc Ecology at (415) 495-1786

# Stop the power plant!

## -- Public Hearing --

**What:** We need you to join your neighbors and tell our Supervisors to stop the Potrero power plant expansion!

San Francisco will decide if the city will fight the proposed Unit 7 power plant and stop Mirant Corp. from using city land and water to expand, OR let Mirant build the biggest power plant ever put in the city.

**When:** The Public Hearing starts at 1 p.m. Monday, June 30, 2003

**Where:** San Francisco Board of Supervisors Land Use Committee, Room 263 in San Francisco City Hall

### Mirant's proposed expansion could:

- Double particulate air pollution from the city's biggest industrial polluter
- Make the Potrero plant SF's largest hazardous materials storage facility
- Pollute San Francisco Bay and kill many millions of larval fish each year
- Block the city's community-based plans for cleaner, more reliable electricity



Need a Ride? Need help with childcare? Need more information?  
Call Dave McKee 510-302-0430 x-214  
Communities for a Better Environment (CBE)  
June 2003